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Anthropology and Archaeology

Division of Social Sciences

The anthropology and archaeology program at Washington College allows students to engage directly with contemporary anthropological topics and applied research. Anthropology provides students with the knowledge to understand complex and diverse human experiences in the past and present,

and the practical skills to conduct rigorous research into the social and environmental forces that shape human experiences around the world. Our students learn multiple perspectives for solving theoretical and practical problems through courses in the four subfields: cultural anthropology, archaeology, linguistics, and biological anthropology. With a departmental focus on issues of environmental and social justice, cultural heritage ownership, and activism, our students graduate with a broad understanding of human evolution and adaptation, the rise of civilizations and urban life, the diversity of cultural systems, and the human consequences of colonialism and globalization.

We emphasize learning by doing and offer many experiential education opportunities. Our Inside-Out course engages students in collaborative learning with incarcerated women in Delaware, and a Museum Studies course allows students to work alongside local communities to curate and conserve cultural materials, conduct oral history interviews, and develop virtual reality (VR) exhibits. We offer educational-experiential courses in Cuba, and a summer archaeological field school, as well as assistantships and internships in geographic information systems, our archaeology lab, and other areas.

Trained in data collection and analysis, critical thinking, persuasive writing, and professional presentation, anthropology graduates find employment opportunities in business, national and international government agencies, NGOs, museums, and academia. Recent graduates have continued postgraduate work in anthropology and other fields, and have found careers in geospatial intelligence, foreign service, sociocultural data analysis, international health and medicine, cultural tourism, grant writing, political analysis, international education, law, social justice, journalism, and environmental advocacy.

In conjunction with the Music department, we offer an interdisciplinary minor in ethnomusicology. Many of our students take advantage of our department's contributions to a range of interdisciplinary majors and minors as they chart their educational pathway.

- Anthropology Major (p. 14)
- Anthropology Minor (p. 15)

Julie Markin, Chair
Scott Erich
Valerie Imbruce
Aaron Lampman
Patrick Mullins
Emily Steinmetz

ANT SCE Senior Capstone Experience 2-4 Credits
The anthropology Senior Capstone Experience is a significant piece of independent research experience in the form of a thesis or project undertaken by each senior with the guidance and mentorship of a department faculty member. Thesis proposals are typically developed during the spring of the third year in the Anthropology Seminar All senior capstone experiences must include anthropological methods and theory. A student who successfully completes the SCE will receive a grade of Pass or Honors and will be awarded 4 credits. A more extensive description of the SCE is available from the department chair. Discussion of a joint thesis, undertaken by a student with two majors, can be found in the Academic Program section of the catalog.
Term(s) Offered: All Terms, All Years

ANT 104 Intro to World Music & Ethnomusicology 4 Credits
An introduction to music of the world, including popular, folk, religious and classical traditions. Explores the way ethnomusicologists organize and analyze knowledge about the world, while investigating the ways music acquires meaning in performances that are socially, historically, and culturally situated.
Cross-listed as: MUS 104/ANT 104
Term(s) Offered: All Terms, All Years

ANT 105 Introduction to Anthropology 4 Credits
The study of human diversity with emphasis on cultural anthropology. Topics include the anthropological perspective, resources of culture, organization of material life, systems of relationships and global forms of inequality. The course examines how anthropologists apply their skills to solve contemporary human social problems. Basic ethnographic interviewing skills. Introduction to ethnography.
Term(s) Offered: All Terms, All Years

ANT 107 Intro to Environmental Archaeology 4 Credits
Exploration of the variety of past human societies and cultures through archaeology, with an emphasis upon the interplay between environment and culture. The course covers a wide time span, from the biological evolution of hominids and the origins of culture to the development of complex civilizations and the more recent historical past.
Cross-listed as: ANT 107/ENV 107
Term(s) Offered: All Terms, All Years

ANT 109 Intro to Geographic Information Systems 4 Credits
Geographic Information Systems (GIS) can be found throughout our modern society. Programs such as MapQuest and Google Earth have brought this technology into the lives of many citizens of our world. More advanced software systems such as ArcGIS are being used in academia, business, and government to manage large datasets of spatially linked information and provide the users with powerful analytic tools. The course lectures review the fundamental theories of GIS and also focus on the various organizational and ethical issues that impact the implementation and sustainability of GIS in our society. The lab portion of the course teaches the student how to operate the ArcGIS Desktop software product, ArcGIS Pro. Introduction to GIS is taught as a blended course, which means that online content is used to supplement the course. The online content does not replace the traditional lecture and lab components of the course, but is instead meant to enhance the content, and allow for materials to be available outside of class time. Content is reviewed prior to attending class, which provides time for discussion, clarification, and problem-solving during class time. All course materials along with lab assignments, quizzes, and exams are managed in our innovative Canvas virtual learning environment.
Cross-listed as: ANT 109/ENV 109
Term(s) Offered: Fall, All Years

ANT 137 Culture & Environments of the Chesapeake 4 Credits
An examination of prehistoric and historic societies in the Chesapeake Region. Archaeological, historical, and environmental evidence is used to understand cultural development and the relationships between people and their environment. Topics include the arrival of humans in the region, Native American groups, colonial settlement in the Tidewater, and the 19th Century. This course counts toward the Chesapeake Regional Studies minor.
Cross-listed as: ANT 137/ENV 137
Term(s) Offered: Spring, All Years

ANT 190 Anthropology Internship 4 Credits
The department encourages students with prior courses in anthropology to develop, with a member of the department, internship opportunities. Students interested in pursuing internships should read Internships and Other Opportunities in this Catalog. In addition to the requirements listed there, interns should expect to write a paper describing their experiences, as relevant to anthropology, and connected to a reading list to be developed and agreed upon by the intern and the supervising faculty member. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ANT 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

ANT 195 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ANT 196 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ANT 197 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ANT 208 Archaeological Method 4 Credits
An examination of the methods of archaeology and theoretical perspectives. Course topics include research design, site surveys, remote sending technology, excavation techniques, dating methods, the analysis of material culture, and theory building. Students will be involved in exploration and research using the wide variety of resources available in the region, including local excavations, local and regional archives, and museum collections.
Requisites: Pre or co-req: ANT 107
Term(s) Offered: Fall, All Years

ANT 210 Intermediate Geographic Info Systems 4 Credits
This second course in geographic information systems builds upon the theories discussed in introduction to Geographic Information Systems, and focuses on the more technical aspects of GIS. Laboratory activities teach the student to use more advanced functions of GIS software, and the fundamentals of advanced GIS analysis and display programs. The student will also learn to operate a precision GPS field data collector.
Requisites: Pre-req: ANT 109 or ENV 109
Term(s) Offered: Spring, All Years

ANT 215 Sex, Gender, and Culture 4 Credits
The study of the biological differences of sex in relationship to the cultural construction of gender. The importance of modes of production and ideology in forming gender concepts for all human societies. Cross-cultural issues of gender identity, roles, relationships, and equality or inequality.
Term(s) Offered: Other, Non Conforming

ANT 234 Human Evol & Biological Anthropology 4 Credits
This course utilizes a holistic approach to explore the evolution of the human species. Students learn the basics of evolutionary theory, biology, and fossil and archaeological evidence through lectures, discussion, readings, videos and hands-on learning. This course is divided into three main sections titled: (a) how evolution works, (b) the history of human lineage, and (c) evolution, technology, and modern humans.
Term(s) Offered: Other, Non Conforming

ANT 235 Cultures of Latin America 4 Credits
Prehistory of the Americas and survey of indigenous cultures in Latin America today (Mesoamerica, the Andean countries and the Amazonian countries). Introduction to environmental anthropology and applications to environmental issues.
Requisites: Pre or co-req: ANT 105
Term(s) Offered: Other, Non Conforming

ANT 247 Medical Anthropology 4 Credits
This course introduces students to the growing field of medical anthropology. We explore the diverse ways that people understand health, illness, the body, and healing, and how those are mediated through cultural beliefs and practices around the world. We also consider a variety of interrelated global processes that shape people's experiences of health and well-being in locally-specific ways. Students learn anthropological methods and theories which complement more mainstream approaches to public health.
Term(s) Offered: Other, Non Conforming

ANT 275 Prisons, Punishment, and Social Control 4 Credits
In this course, we examine both overt and covert forms of surveillance, control, and confinement in historical and contemporary contexts. We consider less repressive forms of control, which are often invisible to us even as they powerfully shape and define our lives, as well as more repressive forms of state power. An anthropological lens helps us consider the many ways that prisons and punishment are deeply entrenched in U.S. culture, social life, and political-economy. We draw upon a variety of theoretical frameworks, including Foucault, Marxism, critical race theory, disability studies, and others, each of which offers a unique way to make sense of our course topics. Rather than approach the prison as a set of buildings and experiences over there (apart from un-incarcerated life), we ask how the same social processes that make prisons possible are woven into many aspects of our social, cultural, political, and economic experiences. We pay particular attention to the intersections of race, class, and gender with prisons/social control throughout U.S. history. Finally, we explore the creative ways that people critique, resist, imagine, and organize for more liberatory futures.
Cross-listed as: ANT275/AMS275
Term(s) Offered: Other, Non Conforming

ANT 280 Traditional Ecological Knowledge 4 Credits
This course introduces students to the anthropological study of indigenous peoples and how they respond to the forces of globalization. Traditional Ecological Knowledge (TEK) refers to knowledge base acquired by indigenous and local peoples over many hundreds of years through direct contact with the environment. It includes nomenclature, classification, beliefs, rituals, technology, environmental management strategies and worldviews - all of which have helped shape environments for millenia. This course explores these different forms of knowledge and poses a series of questions about their importance and use, such as: How is globalization affecting TEK? Who possesses TEK? Who owns TEK? Should the owners of TEK be compensated for their knowledge? Does TEK promote sustainability? Can nation-states utilize TEK? What are the impacts on indigenous groups when TEK in promoted? How can traditional knowledge of the natural world be responsibly and ethically collected, studied and applied in modern medicine and global commerce?
Term(s) Offered: Other, Non Conforming

ANT 290 Anthropology Internship 4 Credits
The department encourages students with prior courses in anthropology to develop, with a member of the department, internship opportunities. Students interested in pursuing internships should read Internships and Other Opportunities in this Catalog. In addition to the requirements listed there, interns should expect to write a paper describing their experiences, as relevant to anthropology, and connected to a reading list to be developed and agreed upon by the intern and the supervising faculty member. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ANT 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

ANT 295 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ANT 296 Archaeological Field School 4 Credits
An introduction to archaeological fieldwork methods and to the theoretical concerns of anthropological archaeology. Includes participation in archaeological survey and excavation as well as lectures, readings, and writing assignments. It typically is a six-week summer program, with a minimum obligation of 20 hours per week. This course is open to all students.
Term(s) Offered: Summer, All Years

ANT 297 Independent Study 4 Credits
Students with an interest and background in anthropology may, working with an ANT faculty member, develop either a research project or a course of study pursuing an ANT subject or topic not covered by regular ANT courses. The student and faculty member agree on a reading list, and either a formal research project or a substantial paper. Students meet regularly with the instructor demonstrating progress in, and knowledge of, the readings; and to discuss, and receive guidance on the project or paper. 45 hours are required per credit. (Students may not use independent study courses to gain academic credit for the SCE).
Term(s) Offered: All Terms, All Years

ANT 300 Language and Culture 4 Credits
This course introduces the student to the study of linguistics. Concepts of both historical and descriptive linguistics are included. Some of the areas of study are linguistic history and methodology, language origin, language and society, language structure, dialects, and language families.
Term(s) Offered: All Terms, Non Conforming

ANT 305 Culture, Power & the Human Experience 4 Credits
In this course, we explore how anthropologists ask and answer questions about culture, power, and the human experience. We learn about a range of methodological and theoretical approaches to anthropological inquiry, with particular attention to the exciting possibilities that arise when thinking across the sub-fields of cultural anthropology and archaeology. Through a series of projects, students learn research design and have the opportunity to apply archaeological, ethnographic, and GIS methods to problems around us.
Requisites: Pre or co-req: ANT 105 and ANT 107
Cross-listed as: -
Term(s) Offered: Spring, All Years

ANT 306 Marine Archaeology 4 Credits
Introduction to underwater archaeology. Gives students an overview of the history and methods of the field. In addition to class activities, students are involved in practical exercises such as mapping and data analysis; field trips, including remote sensing work on the college's workboat and visits to historic vessels; and outside lectures on marine history and archaeology. A basic understanding of archaeological method and theory is useful for the course.
Requisites: Pre or co-req: ANT 107
Term(s) Offered: Other, Non Conforming

ANT 313 Music of Latin America 4 Credits
Students will be introduced to ethnomusicological theory and method, while focusing on the musical practices of South and Central America and the Caribbean. Folk, ritual, popular, and art/classical traditions will be examined in the contexts of cultural issues such as belief systems, politics, aesthetics, and identity.
Cross-listed as: MUS 313/ANT 313
Term(s) Offered: Other, Non Conforming

ANT 320 Race and Ethnicity 4 Credits
The dangers of using the concept race. Focus on the cultural construction of ethnic, racial, and national identities in the contexts of immigration, colonialism, nationalism, and globalization. Symbols of ethnic identity, stereotyping, style, tactics of choice, situational ethnicity.
Requisites: Pre or co-req: ANT 105
Term(s) Offered: Other, Non Conforming

ANT 329 Cuba Music and Culture 4 Credits
This course introduces students to anthropological, ethnomusicological, and ethnochoreological ethnographic fieldwork methods, including participant observation, ethnographic interviews, and audio/video documentation techniques. Students are exposed to both Afro-Cuban religious and Cuban popular expressive forms. Students learn about the interrelatedness of music, dance, visual arts, ritual, and religious beliefs, as well as Cuban views on Cuban culture, gender, and race. Students attend/observe both formal and informal music performances and take music and dance lessons where they will have an opportunity to engage musicians on a one-on-one basis. In addition to music-oriented activities, students learn about Cuba's cultural and economic history by exploring Havana's rich museums, monuments, and plazas. By permission of the instructor.
Cross-listed as: ANT 329/MUS 329/DAN 329
Term(s) Offered: Winter, All Years
Fees: $3,600 Cuba Experience

ANT 340 Inside-Out 4 Credits
Inside-Out is a course that brings together an equal number of Washington College [outside] students and incarcerated [inside] students to learn side-by-side at a prison. The class involves weekly class meetings at a prison, and transportation to the prison is provided for Washington College students. Inside-Out is designed to meld theoretical knowledge, practical understanding, and personal experience and the wisdom that derives from that experience. We use a variety of active learning and community-building techniques that require student participation to be most effective. Inside and outside students collaborate on final group projects. The topic of the class may vary, and the class may be repeated with a different topic.
Term(s) Offered: Fall, All Years

ANT 354 Visual Anthropology 4 Credits
Focusing attention on photography, film, and since the 1990s, new media, visual anthropology attempts to untangle issues of subjectivity, marginalization, and meaning making. The course takes an anthropological look at the use of visual media in marketing, documentary filmmaking, gaming, music videos, and artistic installations. Wherever humans use visual images to communicate, an anthropological lens can be applied to develop and critique cultural messages. Students develop research projects that incorporate visual documentation from the earliest planning stages through the final stages of public communication and reflect on how this type of recording affects what is documented, how subjects are represented, the accuracy or reality of ensuing interpretations, and the intent of the visual production.
Cross-listed as: CMS 354/ANT 354
Term(s) Offered: Fall, Even Years

ANT 360 Museum Studies 4 Credits
The course examines the history of museums - art, anthropology, history, natural science, and children's - and the structuring of knowledge. Explore the politics of display in terms of what is displayed and who writes the narrative, to understand how and why this knowledge may be contested, the influence and outcome of the visitor's experience, and the importance of community collaboration. Learn about the practical considerations of collections acquisition and management, fundraising, and governance.
Term(s) Offered: Fall, Even Years

ANT 374 North American Indians 4 Credits
Pre-Contact North America is extraordinarily rich in histories. The archaeology of North America aims to understand the diversity of histories lived by peoples from the Atlantic to Alaska, from the Plains to the Bayou, from nomadic hunting and gathering groups to large-scale horticulturalists. We explore the human experience on the continent north of Mexico from the first footsteps on the continent to the impact of European contact to the relationship between archaeologists and American Indians today. By the end of this course, you will understand the history of archaeology in North America and the diversity of contemporary Native American cultures.
Term(s) Offered: Fall, Odd Years

ANT 390 Anthropology Internship 4 Credits
The department encourages students with prior courses in anthropology to develop, with a member of the department, internship opportunities. Students interested in pursuing internships should read Internships and Other Opportunities in this Catalog. In addition to the requirements listed there, interns should expect to write a paper describing their experiences, as relevant to anthropology, and connected to a reading list to be developed and agreed upon by the intern and the supervising faculty member. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ANT 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

ANT 395 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ANT 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ANT 397 Independent Study 4 Credits
Students with an interest and background in anthropology may, working with an ANT faculty member, develop either a research project or a course of study pursuing an ANT subject or topic not covered by regular ANT courses. The student and faculty member agree on a reading list, and either a formal research project or a substantial paper. Students meet regularly with the instructor demonstrating progress in, and knowledge of, the readings; and to discuss, and receive guidance on the project or paper. 45 hours are required per credit. (Students may not use independent study courses to gain academic credit for the SCE).
Term(s) Offered: All Terms, All Years

ANT 405 Seminar in Anthropology 4 Credits
Discussion of significant contemporary issues in anthropology. Application of anthropology to ethical issues and careers. Familiarity with professional literature and and professional style guides. Research design and location and assessment of source materials. Grant writing and research. Exploration of careers and higher studies in anthropology. Required course for all anthropology majors and minors. Should be taken in the spring semester of junior year.
Term(s) Offered: Spring, All Years

ANT 415 Cultural Ecology 4 Credits
This course focuses on the human-environment relationship and the state of world ecosystems resulting from this interaction across space and time. The course is focused on four paradigms central to the anthropological understanding of the human-environment relation. The first focuses on fundamental human-ecological principles; the second on the ecological dynamics of foraging and domestication; the third on indigenous ecological knowledge and community-based conservation, and the fourth on new approaches in human ecology.
Requisites: Pre or co-req: ANT 105
Term(s) Offered: Other, Non Conforming

ANT 420 Media and Power 4 Credits
By investigating the idea that what we view and express regarding cultural identity and cultural difference is artificial, we can see that popular entertainment, global news broadcasts, monuments and museums, and the internet might be doing more than merely capturing, reporting, or exhibiting. Understanding this, we can uncover something more about how representations are created, how they have been manipulated historically to oppress or devalue certain groups, and how they can be contested. Knowing that images are constructed and not real, we can turn our focus to how people can reclaim their identities and thus their own power through revising or even appropriating the representations that have been made of them.
Requisites: Pre or co-req: ANT 105
Term(s) Offered: Spring, Non Conforming

ANT 474 Hist Preservation & Cultural Resc Mgt 4 Credits
Provides a comprehensive overview of historic preservation and cultural resource management as practiced in the United States. Examines the history of the preservation movement, the role of preservation in American culture, and the legislative framework for historic preservation. Reviews the growing field of cultural resource management, looking at issues in architectural design, contract or salvage archaeology, and heritage tourism. Prerequisite: 200-level coursework in archaeology or American history, or permission of instructor.
Requisites: Pre or co-req: One 200 level ANT or HIS course
Term(s) Offered: Other, Non Conforming

ANT 490 Anthropology Internship 4 Credits
The department encourages students with prior courses in anthropology to develop, with a member of the department, internship opportunities. Students interested in pursuing internships should read Internships and Other Opportunities in this Catalog. In addition to the requirements listed there, interns should expect to write a paper describing their experiences, as relevant to anthropology, and connected to a reading list to be developed and agreed upon by the intern and the supervising faculty member. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ANT 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

ANT 495 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ANT 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ANT 497 Independent Study 4 Credits
Students with an interest and background in anthropology may, working with an ANT faculty member, develop either a research project or a course of study pursuing an ANT subject or topic not covered by regular ANT courses. The student and faculty member agree on a reading list, and either a formal research project or a substantial paper. Students meet regularly with the instructor demonstrating progress in, and knowledge of, the readings; and to discuss, and receive guidance on the project or paper. 45 hours are required per credit. (Students may not use independent study courses to gain academic credit for the SCE).
Term(s) Offered: All Terms, All Years

Anthropology Major

Department of Anthropology and Archaeology (p. 8)
Division of Social Sciences

Anthropology graduates have the knowledge to understand the complexities of human behavior in the past and present and the practical skills to conduct rigorous research into the environmental and social forces that influence human cultural development across the globe.

Through courses in the subfields of sociocultural anthropology, archaeology, linguistics, and biological anthropology, students are exposed to multiple perspectives for solving theoretical and practical issues.

Anthropology Major Requirements

Code	Title	Credits	Notes
Core Courses		**16**	_____
ANT 105	Introduction to Anthropology		_____
ANT 107	Intro to Environmental Archaeology		_____
ANT 305	Culture, Power & the Human Experience		_____
ANT 405	Seminar in Anthropology		_____
ANT Electives		**20**	_____
Select any combination of ANT courses (excluding Core Courses) [1]			_____
Experiential/Applied ANT Course		**0-4**	_____
Select one of the following:			_____
CRS 242	The Social Science of an Estuary		_____
ANT 296	Archaeological Field School		_____
ANT 329	Cuba Music and Culture		_____
ANT 340	Inside-Out		_____
ANT 354	Visual Anthropology		_____
ANT 360	Museum Studies		_____
ANT 474	Hist Preservation & Cultural Resc Mgt		_____
Semester long study abroad			_____
Special Topics courses as approved by the Chair			_____
Senior Capstone Experience (ANT SCE)		**2-4**	_____
Total Credits		**38-44**	_____

[1] No more than two electives may be fulfilled through Experiential/Applied courses

Students may not minor in both anthropology and ethnomusicology. For more information and a full list of requirements, see the Ethnomusicology Minor section.

Major

- Anthropology Major (p. 14)

Minor

- Anthropology Minor (p. 15)
- Ethnomusicology Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/ethnomusicology-minor/)
- Museum, Field, and Community Education Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/museum-field-community-education-minor/)

Anthropology Minor

Department of Anthropology and Archaeology (p. 8)
Division of Social Sciences

Anthropology graduates have the knowledge to understand the complexities of human behavior in the past and present and the practical skills to conduct rigorous research into the environmental and social forces that influence human cultural development across the globe.

Through courses in the subfields of cultural anthropology, archaeology, linguistics, and biological anthropology, students are exposed to multiple perspectives for solving theoretical and practical issues.

Anthropology Minor Requirements

Code	Title	Credits	Notes
Core Courses		**12**	_____
ANT 105	Introduction to Anthropology		_____
ANT 107	Intro to Environmental Archaeology		_____

ANT 305	Culture, Power & the Human Experience		_____
Select three additional anthropology courses [1]		**12**	_____
Total Credits		**24**	_____

[1] CRS 242 The Social Science of an Estuary may count as an Anthropology elective

Students may not minor in both anthropology and ethnomusicology. For more information and a full list of requirements, see the Ethnomusicology Minor section.

The Distribution Requirement in Social Science may be satisfied by taking any two ANT courses. To satisfy the requirement of a third (unpaired) course for social science distribution, students may take any ANT course.

Major

- Anthropology Major (p. 14)

Minor

- Anthropology Minor (p. 15)
- Ethnomusicology Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/ethnomusicology-minor/)
- Museum, Field, and Community Education Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/museum-field-community-education-minor/)

Art and Art History

Division of Humanities and Fine Arts

Our curriculum, which offers majors in Studio Art or Art History and a minor, provides students the skills, experience, and creative problem-solving abilities to question, understand, and act in the world around us. We embrace interdisciplinary possibilities, both in the liberal arts setting that Washington College provides and in contemporary society. We prepare students for graduate studies and professional careers as artists, scholars, arts administrators, policy makers, activists, creative business owners and solution-finders.

Art + Art History students at Washington College experience small, hands-on classes and one-on-one faculty mentoring. Department offerings are further complemented by a robust program of visiting artists and scholars. Kohl Gallery and SANDBOX present professionally curated and experimental exhibitions and expose students to a wide range of artistic approaches and media.

Our students further benefit from the college's close proximity to museums and art centers in Washington DC, Philadelphia, Baltimore and New York, with a field trip to a major art museum offered each semester. Internship opportunities for Art + Art History students include both credit and non-credit bearing internships in Kohl Gallery as well as external opportunities at regional art museums available exclusively for Washington College students.

- Art Major, Art History Concentration (p. 23)
- Art Major, Dual Concentration (p. 24)
- Art Major, Studio Art Concentration (p. 26)
- Art Minor (p. 27)

Benjamin Tilghman, Chair
Heather Harvey
Aileen Tsui
Julie Wills

Art Courses

ART SCE Senior Capstone Experience 2-4 Credits
ART HISTORY MAJORS: Meant to be the summation of all one has done in the Department. The SCE may consist of a comprehensive examination OR a thesis paper that presents an original contribution to the study of a particular work of art, group of works, artist, or artistic tradition. FOR STUDIO ART MAJORS: Required of all graduating seniors within the studio concentration, this course is defined by each student's engagement with a project of active learning and integration of materials and concepts within the major. A continuation of the work initiated in the Studio Art Senior Seminar, students are guided by a faculty advisor and other studio art faculty. The Capstone is an intensive period of advanced independent studio practice with feedback from peers. Students employ their course of study from within the department to think critically, conduct research, and independently produce a substantial body of work. The culmination of this course is the Spring Thesis exhibition in the Kohl Gallery, conceived and produced by the course's participants, and the associated supporting activities. FOR STUDIO ART & ART HISTORY MAJORS: A year-long research project combining studio practice and art historical methodology, developed in consultation with Art + Art History faculty; OR separate SCE projects in each field according to the requirements listed above for each major.
Term(s) Offered: All Terms, All Years

ART 105 Introduction to Global Art History 4 Credits
A survey of the arts of Asia, Africa, the Americas, and Oceania from prehistory up to the 20th century. This course also serves as introduction to the basic tools and concepts of art historical analysis, which synthesizes form, content, and cultural context to develop a deeper understanding of artworks.
Term(s) Offered: Fall, All Years

ART 110 Intro to the History of Western Art 4 Credits
A careful discussion and analysis of a selection of significant topics in the history of Western art from prehistory to the 21st century. This course also serves as an introduction to the basic tools and concepts of art historical analysis, which synthesizes form, content, and cultural context to develop a deeper understanding of artworks
Term(s) Offered: All Terms, All Years

ART 115 Arts of the Islamic World 4 Credits
An introduction to the art history of Islamic societies from the 7th century to the present, including discussion of the place of art in the Islamic faith, the relationship between art and power, and the importance of cross-cultural exchanges. Basic art historical methodology is introduced. Lectures and some discussion.
Term(s) Offered: Spring, All Years

ART 151 Visual and Critical Thinking 4 Credits
This introductory level studio course investigates conceptual and material skills useful for making visual art. The curriculum is interdisciplinary and designed to emphasize the development of studio fundamentals through hands-on studio projects that allow for technical practice, critical thinking, and experimental approaches. Basic visual design principles are covered, while contemporary examples are presented through lectures and applied to studio problems.
Cross-listed as: .
Term(s) Offered: All Terms, All Years
Fees: $25 Lab Fee

ART 161 Collage 4 Credits
Collage is one of the most familiar and accessible art forms. Taken from the French word 'coller,' meaning 'to stick together or glue,' collage is simply the art of combining existing materials to create complex images and compositions. And yet, because it generates new relationships between existing materials, it can be fantastically incisive, subversive, or visionary. This studio art course explores collage as an art form, technique and strategy. Assignments will ask students to create collage-based artworks in response to a series of creative and conceptual prompts, while in-class lectures and discussions will examine the impact of collage on 20th and 21st century art and culture.
Term(s) Offered: Spring, All Years

ART 163 Artist Books 4 Credits
An artist book is an artwork in the form of a book. It can be one-of-a-kind or produced in a limited edition. Some artist books take familiar forms, while others are sculptural, conceptual or performative. Through this course, students will learn hand-binding techniques to create a range of both traditional and experimental book structures, and will build upon this knowledge to generate book-based artworks in response to conceptual assignment prompts.
Term(s) Offered: Fall, Even Years
Fees: $25 Lab Fee

ART 183 Art as Inquiry 4 Credits
In this introductory class you will learn to make art through processes of exploration, curiosity, inquiry, and play. You will also learn to develop and follow your own interests, instincts, and line of questioning in your art projects - all critical skills for any creative thinker. Art will be approached as a meaning-making endeavor used to examine, experiment with, and contemplate the world. As an introductory studio course you will be given creative prompts, technical strategies, and other hands-on feedback that encourage you to devise unconventional, surprising, and open-ended visual art projects. We will focus more on ways of making and thinking than on the final art products. Failures and unexpected turns are welcome and encouraged. Precedents for art as an inquiring and exploratory process will be studied through lectures, readings, videos, research projects, and other class activities.
Term(s) Offered: Other, Non Conforming

ART 194 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

ART 211 Making Gods in Mediaval&early Modern Art 4 Credits
This art history course surveys the material culture of the religions of Europe from 300 to 1500 CE, including Christianity, Judaism, and polytheistic traditions. The function of artworks in religious practice will be discussed, with particular attention to controversies over the use of art in religious practice. Lectures with rich discussion.
Term(s) Offered: Fall, Even Years

ART 212 Beauty&Power in Medieval & EarlyMod Art 4 Credits
This art history course examines how art and architecture served to project power and prestige among cultural elites in Europe from 300 to 1500 CE. Considers how imagery, materials, and technological elements enhanced the social standing of the people who created, owned, and displayed a work of art. Lectures with rich discussion.
Term(s) Offered: Spring, Even Years

ART 222 Body, Nature and Nation in American Art 4 Credits
Although this art history course sketches in the art of the early colonies, its main body begins at the period of the American Revolution. Lectures and discussion explore the changing significance of the visual arts in American life and culture through the 1930s. Field trips to museums in Washington. This course is cross listed under American Studies.
Term(s) Offered: Fall, Odd Years

ART 235 Art in the Anthropocene 4 Credits
This course brings students into the chemist's lab and artist's studio at turns to offer interdisciplinary insight into the overlap between scientific versus artistic processes of inquiry. Students are taught the chemical processes of various art materials and how to make, harvest, or find their own environmentally friendly materials which are then incorporated into self-designed art projects. The laboratory curriculum asks students to identify environmental hazards of art materials, understand the link of these hazards to related ailments and devastations, and identify sustainable science solutions that avoid use of the hazards. The studio curriculum introduces students to aesthetic and conceptual frameworks that contemporary artists use, and encourage students to develop a distinctive creative voice that considers the meaning of the materials and processes they work with. This course fulfills the distribution requirement for either the Humanities and Fine Arts OR the Natural Sciences and Quantitative. Chemistry majors on the non-ACS certified track, Chemistry minors, and Art and Art History majors/minors can count this course as an elective for their major or minor. ACS-certified majors can only count this course as an elective for the Fine Arts distribution.
Cross-listed as: ART 235/CHE 235
Term(s) Offered: Other, Non Conforming
Fees: $25 Lab Fee

ART 241 Environmental Art 4 Credits
This seminar course introduces students to the basic concepts of environmental art through a series of environmental art projects made both inside and outside, in the field. The curriculum centers on deepening student awareness of how a range of materials, spaces, and approaches can be used to make environmental art projects. The course will explore both individual and collaborative strategies. Students will engage in creative work and basic environmental research, supported by related class discussions and critiques. Readings and screenings about environmentally engaged artists coincide with creative projects.
Cross-listed as: ART 241/ENV 241
Term(s) Offered: Other, Non Conforming
Fees: $25 Lab Fee

ART 245 Introductory Photography Studio 4 Credits
This studio course serves as an introduction to digital photography, and will cover basic camera skills and photographic processes, although course emphasis is on the conceptual and creative uses of photography as an artistic medium. Students will gain the technical and critical skills to fulfill creative goals. Complex relationships between imagery, composition and meaning will be explored through creative assignments, lectures, discussions, and readings. The work of contemporary artists working in photography will be explored at length.
Term(s) Offered: Fall, All Years

ART 247 Introductory Video & New Media 4 Credits
This studio course introduces students to an interdisciplinary grounding in the techniques, concepts, and empirical experiences they will need to engage video and new media technologies in the making of art. Students develop the necessary conceptual and technical grounding to engage the creation of imagery through digital means by studying various video and computer imaging strategies. Contemporary artists working in the mediums of video and new media are examined through lectures and screenings.
Cross-listed as: .
Term(s) Offered: Other, Non Conforming

ART 250 Introductory Drawing Studio 4 Credits
This studio class introduces students to drawing through a range of material, conceptual, and skill-based approaches. While focusing on basic skills and concepts of drawing, the curriculum is also interdisciplinary in nature. In addition to drawing fundamentals, the course also places emphasis on experimental approaches and on connecting conceptual thinking to one's broader creative practice. Contemporary and historical examples of artists working within such a creative practice are covered through readings, lectures, and screenings.
Cross-listed as: .
Term(s) Offered: Spring, All Years

ART 260 Introductory Painting Studio 4 Credits
This studio course focuses on the fundamentals of painting including material, technical, and conceptual perspectives. The curriculum introduces basic skills and theories while also exploring interdisciplinary, experimental, and expressive applications of the medium. Basic materials and processes are covered to help students move from concept to completed works. Emphasis is placed on the field of contemporary painting in particular. Artists who work within a painterly tradition are explored in lectures, screenings, readings, and research projects.
Cross-listed as: .
Term(s) Offered: Fall, All Years

ART 265 Intro Printmaking Studio 4 Credits
Using a range of traditional and experimental methods, this course introduces printmaking as an artistic and expressive medium. Printmaking techniques generate artworks that may be repeatable or unique, and assignments highlight the multiple as a conceptual or strategic choice. Course builds upon and expands students' skills in drawing, 2D design, color, and composition while emphasizing the relationship between concept, imagery and form. Printmaking's role in contemporary art is examined through readings, lectures and screenings.
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

ART 270 Introductory Sculpture Studio 4 Credits
This introductory course introduces students to the basic skills, processes, and conceptual concerns of contemporary sculptural approaches. The curriculum examines the expansiveness of sculpture's inherently interdisciplinary definition. In addition to sculpture fundamentals the course engages the critical and theoretical relationship between meaning and making. Artists whose works exemplify historical and contemporary approaches are examined through lectures, screenings, and readings.
Cross-listed as: .
Term(s) Offered: All Terms, All Years
Fees: $50 Lab Fee

ART 277 The Creative Process 4 Credits
Requisites: Pre-req: One course in Studio Art, MUS, THE, DAN, Creative Writing.
Cross-listed as: Art 277/MUS 234/THE 233
Term(s) Offered: All Terms, All Years

ART 290 Art Internship 4 Credits
An internship focusing on the administrative work of running an arts organization, including marketing, finances, program logistics, volunteer coordination, and other managerial work. The standard syllabus for AME Internships must be followed as the internship contract unless another arrangement is made with the AME director. Graded A-F. 45 hours, per credit are required.
Term(s) Offered: All Terms, All Years

ART 294 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

ART 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ART 310 Art & Nature in Med & Early Modern Eur. 4 Credits
An art historical exploration of how ideas about the natural world can be perceived in artworks from Europe from 500 to 1500 CE. Topics include the depictions of animals and landscapes, the use of natural materials in art, and cultural concepts such as Creation, wilderness, and wonders. Lectures with rich discussion.
Term(s) Offered: Spring, Odd Years

ART 312 Depicting Difference in Med&earl Mod Art 4 Credits
How did medieval Europeans view human differences? What defined ethnicity for them? Did they have a concept of race, or is that a wholly modern phenomenon? This course explores these questions and more through the art of the Middle Ages and Early Modern period, as well as modern revivals of medieval culture.
Term(s) Offered: Fall, Odd Years

ART 318 Romanticism to Post-Impressionism 4 Credits
Starting with Romanticism, this art history course gives intensive coverage to the major nineteenth-century movements in European art. The art of the period is seen in its cultural context with special reference to art criticism and to social conditions. Prerequisite: one art history course or permission of instructor.
Requisites: Pre or co-req: ART 110 or ART 200
Term(s) Offered: Spring, Odd Years

ART 320 20th Century Art 4 Credits
This art history course discusses major artistic developments and key figures in twentieth-century art from Matisse and Picasso into the twenty-first century. The emergence of abstraction, the historical position of the avant-garde, and theories of visual modernism are among the themes discussed in the course.
Requisites: Pre or co-req: ART 110
Term(s) Offered: Fall, Odd Years

ART 322 Body, Nature and Nation in American Art 4 Credits
Although the course sketches in the art of the early colonies, its main body begins at the period of the American Revolution. Lectures and discussion explore the changing significance of the visual arts in American life and culture through the 1930s. Field trips to museums in Washington.
Requisites: Pre or co-req: ART 110
Term(s) Offered: Fall, Odd Years

ART 324 Photography's First Century 4 Credits
This art history course examines historical developments in photography from the 1830s to the 1920s, from the medium's inception through early modernism. Lectures and discussion consider topics at issue in debates about photography's place in the history of art, such as changing attitudes toward photography's dual role as aesthetic creation and as documentary artifact.
Term(s) Offered: Fall, Even Years

ART 343 Art and Language 4 Credits
Our society and traditions separate what words mean from the way words look. However, contemporary artists such as Glenn Ligon, Barbara Kruger, Yoko Ono and Bruce Nauman have explored words as aesthetic and conceptual material. This seminar course emphasizes written, printed and spoken language as a medium for making 2D, 3D, installation and time-based art. This course is taught from a studio art perspective but welcomes students of poetry, creative writing and all other disciplines.
Term(s) Offered: Spring, Non Conforming
Fees: $25 Lab Fee

ART 345 Photography Intensive 4 Credits
This studio course examines the production and pertinent concepts of photographic based images. The curriculum is primarily centered on camera-based work, while allowing for the exploration of other methods of photographic image creation such as scanners, cell phones, and copiers. Technical instruction and principles of composition are employed to form an understanding as to how the construction and manipulation of photographic images implicate form and meaning. Contemporary photographic based image-makers are examined through screenings, readings, and lectures.
Requisites: Pre or co-req: ART 247, ART 250, ART 251, ART 260, ART 270
Cross-listed as: ART 345/ART 281
Term(s) Offered: Spring, Even Years

ART 347 New Media Intensive 4 Credits
This is an advanced studio course in the study of the intersection between art and technology. A broad interdisciplinary investigation of the skills, concepts, and applications that are necessary to develop a creative practice versed in the technologies of our time are pursued. Particular emphasis is placed on the conceptual implications of choosing such a practice, and how those implications inform each student's work. Current practitioners within the discipline are examined through lectures, readings, and screenings.
Requisites: Pre or co-req: Take ART *247, ART*250, ART*251, ART*260, ART*270
Term(s) Offered: Other, Non Conforming

ART 350 Drawing Intensive 4 Credits
Drawing is both a verb and a noun; it is a practice and an outcome. The making of a drawing can be highly personal and intimate or public and collaborative. A drawing can be a mark on a page left by the hand, a line or residue on the landscape or in three-dimensional space, or an action in time. Drawing Intensive focuses on expanded definitions of drawing and methods of mark-making in 2, 3 and 4 dimensions. Assigned projects allow for maximum opportunity to explore individual subject matter interests, whether ideological, political, environmental, aesthetic or otherwise.
Term(s) Offered: Fall, All Years

ART 360 Painting Intensive 4 Credits
Painting Intensive offers students a chance to explore the materials and strategies associated with contemporary painting in a sustained, in-depth way. The course may be taught thematically to align with or complement programming happening on campus or in Kohl Gallery, respond to current news and events, and meet challenges posed by students' individual interests. Areas of emphasis may include watercolor, advanced acrylic techniques, or other exploratory processes. No prerequisites.
Requisites: Pre or co-req: ART 251, ART 261, ART 271, ART 281, or ART 291
Term(s) Offered: Spring, All Years

ART 365 Printmaking Intensive 4 Credits
Students expand upon previously-developed skills in relief, monoprint, silkscreen and experimental printmaking techniques, with an emphasis on identifying and actualizing individual creative goals. Assignments and coursework are student-driven and participants must possess a high degree of independent motivation.
Requisites: Pre-req: ART 265
Term(s) Offered: Spring, All Years
Fees: $25 Lab Fee

ART 370 Sculpture Intensive 4 Credits
Sculpture Intensive offers students a chance to explore the materials and strategies associated with contemporary sculpture in a sustained, in-depth way. The course is taught thematically to align with or complement programming happening on campus or in Kohl Gallery, respond to current news and events, and meet challenges posed by students' individual interests. Skills developed may include casting and mold-making; fabrication strategies; soft sculpture; kinetic art; responding to site; socially-engaged practices and other topics according to student interest. Assigned projects offer maximum opportunity to explore individual subject matter interests, whether ideological, political, environmental, aesthetic or otherwise. No prerequisites.
Term(s) Offered: Fall, Even Years
Fees: $25 Lab Fee

ART 375 Arts Administration 4 Credits
This course explores various aspects of leadership, management, and entrepreneurship for the visual and performing arts. Students learn how arts organizations define themselves, make decisions, and plan for the future. Topics may include: leadership & governance, mission & strategy, program planning & evaluation, intellectual property & contracting, marketing & public relations, and/or budgeting & fundraising. This course has no curricular prerequisite, but requires a baseline interest in and understanding of the arts.
Cross-listed as: ART 375/BUS 375/MUS375/THE375
Term(s) Offered: Spring, Even Years

ART 383 Advanced Art as Inquiry 4 Credits
This advanced studio course asks you to see art less as a finished aesthetic product and more as a process of inquiry and experimentation that draws on interdisciplinary and humanistic concerns. Making art becomes a mechanism for you to explore and contemplate the world, and draw out new meanings and insights in the process. Over the course of the semester, you will select areas of creative interest to develop, research and ultimately make visual art about. You can draw on any field, curiosity, or personal passion as you follow your own instincts and line of questioning. As an upper-level course you will be encouraged to be ambitious, self-direct, and take creative risks, as you devise unconventional, surprising, open-ended visual art projects. Precedents for art as an inquiring and exploratory process will be studied through lectures, readings, videos, research projects, and other class activities
Requisites: Pre-req: Any 100 or 200 Level Studio Art Course
Term(s) Offered: Other, Non Conforming

ART 390 Art Internship 4 Credits
An internship focusing on the administrative work of running an arts organization, including marketing, finances, program logistics, volunteer coordination, and other managerial work. The standard syllabus for AME Internships must be followed as the internship contract unless another arrangement is made with the AME director. Graded A-F. 45 hours, per credit are required.
Term(s) Offered: All Terms, All Years

ART 392 Contemporary Practices 4 Credits
This course provides a practical and theoretical framework for students who wish to pursue a life in the arts. Students begin to define their creative practice by writing an artist statement; learn about the range of professional and career opportunities in the field and develop the skills needed to present their work professionally. Students will gain familiarity with the field of contemporary art through studio visits with practicing artists, field trips to galleries and museums, and independent research. Required of all majors in Studio Art and recommended for interested minors. Prerequisite: major or minor status, any 300 level studio art course or permission of instructor.
Term(s) Offered: Spring, All Years

ART 394 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

ART 397 Independent Study 4 Credits
Exceptional students in their Junior or Senior years seeking to define their own course of study, distinct from the course offerings in the department, may submit a formal application to do so. The deadline for applications is the end of the 7th week of the preceding semester and must consist of a 1-page written proposal for the student's course of study, a portfolio of recent written work, a bibliography of texts relevant to the proposed course of study, and a proposed course syllabus. Proposals will be reviewed, and notice will be given by the department's faculty. If the student's application is accepted, notification of acceptance will be accompanied by an assigned art history advisor to facilitate the course of study during the desired semester. Prerequisite: one art history course.
Requisites: Pre-req: One Art History course or Advanced Studio.
Term(s) Offered: All Terms, All Years

ART 425 Women Artists & Feminist Art History 4 Credits
This art history seminar examines the variety of approaches that feminist art historians have taken in studying art made by women in the modern and postmodern periods. We are concerned both with the historical analysis of individual works of art and with an exploration of how feminist theories, practices, and political commitments have affected, and can continue to change, the discursive and institutional construction of the history-or histories-of art and visual culture.
Requisites: Pre-req: One Art History course
Term(s) Offered: Spring, Odd Years

ART 490 Museum Internship 4 Credits
This internship is for seniors with a strong academic record in the Department. In recent years, art majors have held internships at such places as the Walters Art Museum, Baltimore; the Massachusetts Museum of Contemporary Art, North Adams, Massachusetts; the Kunst Museum, Bonn; and the British Museum, London. Students can also intern for academic credit at the College's Kohl Art Gallery.
Term(s) Offered: All Terms, All Years

ART 491 Studio Art Senior Seminar (fall) 0 Credits
Required of all graduating seniors preparing for the Studio Senior Capstone Experience, this course instigates a concept-driven and research-supported project. Guided by a faculty advisor and other studio art faculty, the seminar is an intensive exploratory period of weekly studio work and research with feedback from peers. The curriculum prepares each student for the culminating Spring Thesis exhibition by guiding them through the process of developing a coherent body of work, including the ideas and influences driving that work, and the practical issues that need be navigated in order to fully realize each student's vision. Each student's performance in this non-credit bearing course will influence their grade earned at the completion of the Studio Senior Capstone Experience. Should be taken in the fall semester of senior year.
Requisites: Pre-req: ART 392
Term(s) Offered: Fall, All Years

ART 492 Studio Art Senior Seminar (spring) 0 Credits
Required of all graduating seniors preparing for the Studio Senior Capstone Experience, this course is a continuation of the intensive weekly studio work and research begun in ART 491 culminating in the Spring Thesis exhibition. Each student's performance in this non-credit bearing course will influence their grade earned at the completion of the Studio Senior Capstone Experience. Should be taken in the spring semester of senior year.
Requisites: Pre-req: ART 392 and ART 491
Term(s) Offered: Spring, All Years

ART 494 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

ART 495 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

ART 497 Art Independent Study 4 Credits
Exceptional students in their Junior or Senior years seeking to define their own course of study, distinct from the course offerings in the department, may submit a formal application to do so. The deadline for applications is the end of the 7th week of the preceding semester and must consist of a 1-page written proposal for the student's course of study, a portfolio of recent written work, a bibliography of texts relevant to the proposed course of study, and a proposed course syllabus. Proposals will be reviewed, and notice will be given by the department's faculty. If the student's application is accepted, notification of acceptance will be accompanied by an assigned art history advisor to facilitate the course of study during the desired semester. Prerequisite: one art history course.
Requisites: Pre-req: One Art History or Advanced Studio course.
Term(s) Offered: All Terms, All Years

Courses Offered in The Washington College Abroad Programs

Art courses are presently offered through the following institutions: Monash University, Melbourne, Australia (art); University of Costa Rico, San José (art), Costa Rica; University of Copenhagen, Copenhagen, Denmark (art); Universidad San Francisco de Quito, Quito, Ecuador (art); Royal Holloway, University of London, London, UK (media arts); University of Hull, Hull, UK (art history); Artois University, Arras, France (art history); University of Provence, Aix-Marseille I, Marseille, France, (art); University of Tübingen, Tübingen, Germany (art); University College, Cork, Cork, Ireland (art history); Università Cattolica del Sacro Cuore, Milan, Italy; University of Siena, Siena, Italy; Leiden University, Leiden, the Netherlands (art history); Pontificia

Universidad, Católica del Perú, Lima, Peru (fine arts); St. Andrews University, St. Andrews, Scotland (art history); Rhodes University, Grahamstown, South Africa (art); Semester in Granada, Spain (art); and University of Nebrija, Madrid, Spain (art).

The following is a selection of commonly taken courses:

ART 150. Methods and Monuments
Painting, sculpture, and architecture studied as artistic and cultural expressions of their times. Emphasis is on selected major artists, monuments, and methods of analysis. Offered in the London program only, both fall and spring semesters. Three credits.

ART 308. Modern Architecture: 1750-1900
Aesthetic and technological developments of architecture, interior design, and the planned environment: Renaissance tradition to Art Nouveau and the rise of the skyscraper. Offered in the London program only, both fall and spring semesters. Three credits.

ART 312. Art in Northern Italy from the Late Gothic through the Renaissance
The course casts light on a very important period of Italian Art during which the Northern Italian cities, with their enlightened rulers, gave birth and played host to some of the most important European artists. Its goal is to examine the most relevant topics of artistic thought and practice in order to understand the peculiarities of each cultural center and of the leading artists operating there. Offered in the Milan program only. Three credits.

ART 314. Art in Northern Italy from the Baroque through the Present
The course analyses a very fruitful segment in the history of Italian Art, focusing, in particular, on artists and artistic movements that developed in the northern regions. The most important topics in artistic thought and practice will be examined in order to understand the peculiarities of each period. A detailed examination of the most significant works of painters, sculptors, and architects will seek to underline the differences in their artistic "languages" and will strengthen the student's ability to "read" works of art independently. Offered in the Milan program only. Three credits.

ART 319. French Art of the 19th Century
This course surveys developments in art in France during the nineteenth century. The periods and movements studied are Romanticism, Realism, Impressionism, Neo-Impressionism, and Symbolism. The course includes visits to Paris museums and galleries. Offered in the Paris program only, in the fall semester. (In English.) Three credits.

ART 330. Art and Architecture of Spain
This course is a history of art and architecture in Spain, beginning with Hispanic-Moorish art during the Middle Ages and ending with the contemporary period. Included are the Renaissance, Mannerism, the Baroque, Rococo, and the modern period. The course includes visits to major artistic and architectural sites in the city of Granada. Offered in the Granada, Spain, program only, in the fall semester. (In Spanish.) *Prerequisite: Hispanic Studies 202 or equivalent.* Three credits.

ART 335. Development of Space and Light in Florentine Painting, 1300-1550
This course will look at Florentine painting between 1300 and 1550 with special emphasis on the development of the illusion of space and light on a two-dimensional surface. The course will explore the sources of these forms (Greco-Roman, Early Christian, and Medieval), as well as look at the works of the major painters of the period (Giotto, Masaccio, Michelangelo). Field trips to view the art of the period are included. Offered in the Siena, Italy, program only, in the spring semester. (In English.) Three credits.

Art Major, Art History Concentration

Department of Art and Art History (p. 16)
Division of Humanities and Fine Arts

The Art History major enables students to develop modes of critical seeing and greater awareness of historical and cultural diversity. Students who choose a concentration in Art History benefit from a firm grounding in art historical methods, issues and theories. The ability to understand the effects and possibilities of images and visual data extends beyond the classroom and equips art history students for a broad range of careers and pursuits after graduation.

Art History Concentration Requirements

Code	Title	Credits	Notes
Select 1 Art History Course From Below		**4**	_____
ART 105	Introduction to Global Art History		_____
ART 110	Intro to the History of Western Art		_____
ART 115	Arts of the Islamic World		_____
Select 1 Studio Introductory Art Course From Below		**4**	_____
ART 151	Visual and Critical Thinking		_____
ART 235	Art in the Anthropocene		_____
ART 241	Environmental Art		_____
ART 245	Introductory Photography Studio		_____

ART 260	Introductory Painting Studio		_____
ART 270	Introductory Sculpture Studio		_____
ART 277	The Creative Process		_____
Select 1 Studio Art Elective Course From Above or Below		**4**	_____
ART 247	Introductory Video & New Media		_____
ART 294/394/494	Special Topics		_____
ART 345	Photography Intensive		_____
ART 370	Sculpture Intensive		_____
Select 5 Art History Elective Courses from Above or Below [1]		**20**	_____
ART 211	Making Gods in Mediaval&early Modern Art		_____
ART 310	Art & Nature in Med & Early Modern Eur.		_____
ART 318	Romanticism to Post-Impressionism		_____
ART 320	20th Century Art		_____
ART 425	Women Artists & Feminist Art History		_____
ART 294/394/494	Special Topics		_____
Select One 400-level Course		**4**	_____
ART 490	Museum Internship		_____
ART 425	Women Artists & Feminist Art History		_____
ART 494	Special Topics		_____
Senior Capstone Experience (ART SCE)		**2-4**	_____
Total Credits		**38-40**	_____

[1] No more than one at 100 level; at least two at 300 level or above

Major

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- Art Major, Dual Concentration (p. 24)
- Art Major, Studio Art Concentration (p. 26)

Minor

- Art Minor (p. 27)
- Arts Management and Entrepreneurship Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/arts-management-entrepreneurship-minor/)
- Museum, Field, and Community Education Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/museum-field-community-education-minor/)

Certificate

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Art Major, Dual Concentration

Department of Art and Art History (p. 16)
Division of Humanities and Fine Arts

The Art History Major with both Studio Art & Art History Concentrations requires 62 credits, including the Senior Capstone Experience.

Art History Major with both Studio Art & Art History Concentrations

Code	Title	Credits	Notes
Select 1 Art History Course From Below		**4**	_____
ART 105	Introduction to Global Art History		_____
ART 110	Intro to the History of Western Art		_____
ART 115	Arts of the Islamic World		_____

Select 1 Introductory Studio Art Course From Below		**4**	_____
ART 151	Visual and Critical Thinking		_____
ART 235	Art in the Anthropocene		_____
ART 241	Environmental Art		_____
ART 245	Introductory Photography Studio		_____
ART 247	Introductory Video & New Media		_____
ART 250	Introductory Drawing Studio		_____
ART 260	Introductory Painting Studio		_____
ART 265	Intro Printmaking Studio		_____
ART 270	Introductory Sculpture Studio		_____
ART 277	The Creative Process		_____
ART 294	Special Topics		_____
Select 5 Art History Course From Below		**20**	_____
ART 105	Introduction to Global Art History		_____
ART 110	Intro to the History of Western Art		_____
ART 115	Arts of the Islamic World		_____
ART 211	Making Gods in Mediaval&early Modern Art		_____
ART 212	Beauty&Power in Medieval & EarlyMod Art		_____
ART 310	Art & Nature in Med & Early Modern Eur.		_____
ART 318	Romanticism to Post-Impressionism		_____
ART 320	20th Century Art		_____
ART 194/294/394/494	Special Topics		_____
Select 1 Course From Below		**4**	_____
ART 425	Women Artists & Feminist Art History		_____
ART 494	Special Topics		_____
Select 5 Studio Art Elective Courses		**20**	_____
ART 235	Art in the Anthropocene		_____
ART 241	Environmental Art		_____
ART 245	Introductory Photography Studio		_____
ART 250	Introductory Drawing Studio		_____
ART 260	Introductory Painting Studio		_____
ART 265	Intro Printmaking Studio		_____
ART 270	Introductory Sculpture Studio		_____
ART 277	The Creative Process		_____
ART 345	Photography Intensive		_____
ART 370	Sculpture Intensive		_____
Seminars		**6**	_____
ART 392	Contemporary Practices (4 credits)		_____
ART 491	Studio Art Senior Seminar (fall) (2 credits)		_____
ART 492	Studio Art Senior Seminar (spring) (0 credits)		_____
Senior Capstone Experience (ART SCE)		**2-4**	_____
Total Credits		**60-62**	_____

Major

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- Art Major, Studio Art Concentration (p. 26)

Minor

- Art Minor (p. 27)
- Arts Management and Entrepreneurship Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/arts-management-entrepreneurship-minor/)
- Museum, Field, and Community Education Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/museum-field-community-education-minor/)

Certificate

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sample text

Art Major, Studio Art Concentration

Department of Art and Art History (p. 16)
Division of Humanities and Fine Arts

The Studio Art curriculum engages with contemporary artistic thought and practice through rigorous, interdisciplinary investigation of artistic media, techniques and approaches. Courses are structured to lessen the boundaries between artistic disciplines, and to facilitate conceptual depth and fluidity between artistic media. Through experimentation, research, critique and dialogue our students engage the world at large while contemplating humanistic concerns.

Studio Art Major Requirements

Code	Title	Credits	Notes
Select 1 Studio Art Intro Course From Below		**4**	_____
ART 151	Visual and Critical Thinking		_____
ART 235	Art in the Anthropocene		_____
ART 241	Environmental Art		_____
ART 245	Introductory Photography Studio		_____
ART 247	Introductory Video & New Media		_____
ART 250	Introductory Drawing Studio		_____
ART 260	Introductory Painting Studio		_____
ART 265	Intro Printmaking Studio		_____
ART 270	Introductory Sculpture Studio		_____
ART 277	The Creative Process		_____
Select 1 Art History Course From Below		**4**	_____
ART 105	Introduction to Global Art History		_____
ART 110	Intro to the History of Western Art		_____
ART 115	Arts of the Islamic World		_____
Select 1 Art History Elective Course From Below		**4**	_____
ART 211	Making Gods in Mediaval&early Modern Art		_____
ART 212	Beauty&Power in Medieval & EarlyMod Art		_____
ART 310	Art & Nature in Med & Early Modern Eur.		_____
ART 318	Romanticism to Post-Impressionism		_____
ART 320	20th Century Art		_____
ART 324	Photography's First Century		_____
ART 425	Women Artists & Feminist Art History		_____
Select 5 Studio Art Electives [1]		**20**	_____
ART 235	Art in the Anthropocene		_____
ART 241	Environmental Art		_____
ART 245	Introductory Photography Studio		_____
ART 250	Introductory Drawing Studio		_____

ART 260	Introductory Painting Studio		_____
ART 270	Introductory Sculpture Studio		_____
ART 277	The Creative Process		_____
ART 345	Photography Intensive		_____
ART 350	Drawing Intensive		_____
ART 365	Printmaking Intensive		_____
ART 370	Sculpture Intensive		_____
ART 394/494	Special Topics		_____
ART 397/497	Independent Study		_____
Seminars		**6**	_____
ART 392	Contemporary Practices (4 credits)		_____
ART 491	Studio Art Senior Seminar (fall) (2 credits)		_____
ART 492	Studio Art Senior Seminar (spring) (0 credits)		_____
Senior Capstone Experience (ART SCE)		**2-4**	_____
Total Credits		**40-42**	_____

[1] At least one at the 300 level or above.

Major

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Minor

- Art Minor (p. 27)
- Arts Management and Entrepreneurship Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/arts-management-entrepreneurship-minor/)
- Museum, Field, and Community Education Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/museum-field-community-education-minor/)

Certificate

- Secondary Education Certification Program (p. 94)

Art Minor

Department of Art and Art History (p. 16)
Division of Humanities and Fine Arts

Art Minor Requirements

Code	Title	Credits	Notes
Select 1 Lower-Level Studio Art Course		**4**	_____
ART 151	Visual and Critical Thinking		_____
ART 235	Art in the Anthropocene		_____
ART 245	Introductory Photography Studio		_____
ART 247	Introductory Video & New Media		_____
ART 250	Introductory Drawing Studio		_____
ART 260	Introductory Painting Studio		_____
ART 265	Intro Printmaking Studio		_____
ART 270	Introductory Sculpture Studio		_____
ART 277	The Creative Process		_____
Select 1 Art History Course		**4**	_____
ART 105	Introduction to Global Art History		_____
ART 110	Intro to the History of Western Art		_____

ART 115	Arts of the Islamic World		_____
Select 3 Studio or Art History Courses		**12**	_____
ART 105	Introduction to Global Art History		_____
ART 110	Intro to the History of Western Art		_____
ART 115	Arts of the Islamic World		_____
ART 211	Making Gods in Mediaval&early Modern Art		_____
ART 212	Beauty&Power in Medieval & EarlyMod Art		_____
ART 310	Art & Nature in Med & Early Modern Eur.		_____
ART 318	Romanticism to Post-Impressionism		_____
ART 320	20th Century Art		_____
ART 324	Photography's First Century		_____
ART 345	Photography Intensive		_____
ART 425	Women Artists & Feminist Art History		_____
ART 350	Drawing Intensive		_____
ART 365	Printmaking Intensive		_____
ART 370	Sculpture Intensive		_____
ART 491	Studio Art Senior Seminar (fall)		_____
ART 492	Studio Art Senior Seminar (spring)		_____
ART 294/394/494	Special Topics		_____
ART 397	Independent Study		_____
ART 497	Art Independent Study		_____
ART 295, 296, 395, 396, 495, 496	On & Off Campus Research		_____
Total Credits		**20**	_____

Major

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- Art Major, Studio Art Concentration (p. 26)

Minor

- Art Minor (p. 27)
- Arts Management and Entrepreneurship Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/arts-management-entrepreneurship-minor/)

Biology

Division of Natural Sciences and Mathematics

The Biology major is designed to help students develop a strong and broad background in biological science and seeks to emphasize to its majors that the discipline of biology is intimately related to many disciplines outside of the sciences. As part of the major, students will gain an appreciation of the impact of biology on history, and they will appreciate the many philosophical and ethical questions that have biological underpinnings. Students are encouraged to find additional connections—to the humanities, to the social sciences, and to the other science fields—as they pursue their education.

A strong knowledge base is essential for a biologist, but it does not alone make the scientist. Therefore, the Biology major seeks to guide students to develop the skills to ensure that, for them, biology is an inquiry-based discipline. Through ample opportunities for practice, students learn to:

- read, understand, and analyze biological literature;
- design, perform, and analyze experiments to ask questions and test hypotheses; use up-to-date techniques and equipment common in the discipline; communicate their questions and findings both orally and in writing; and
- work collaboratively on experimentation with fellow students and faculty who share a love of inquiry.

The combination of these three components of our mission—the strong knowledge base, the appreciation of the connections between biology and other academic areas, and the collaborative “doing” of biology—position students to become skilled biologists, lifelong independent learners, and citizen leaders.

Many careers are available to students who have majored in biology. Some of these careers can be accessed directly by those with a B.S. in Biology. Others require—or can be enhanced by—post-graduate education. The Biology major seeks to ensure that graduates are well prepared for careers in biology and for admission to graduate programs (M.S. and Ph.D.) and programs designed to train and license the teaching or the medical professional. Among the many examples of the latter for which our students are well trained are medical school, dental school, veterinary school, pharmacy school, and nursing school, as well as programs that train the physician assistant, the physical therapist, and the occupational therapist.

The Biology Department offers classes for students enrolled in the first-year FYS program, distribution courses for nonscience majors, introductory level courses covering the breadth of the discipline, and diverse upper-level courses for majors. Undergraduate internship and research opportunities are available in departmental laboratories during both the academic year and the summer. Students can also participate in internships sponsored by off-campus laboratories through existing programs or those proposed by the student. A chapter of Beta Beta Beta, the national biological honor society, provides supplemental activities for students.

The nearby Chester River, a major tributary to the Chesapeake Bay, and the River and Field Campus afford excellent opportunities for ecological studies in a wide variety of biological subdisciplines. Another resource is the Virginia Gent Decker Arboretum, the collection of trees and shrubs on the college campus, in which students can also study a broad range of topics. Collaborative student-faculty research is an important focus of the department, and the Toll Science Center boasts personal labs for each of the faculty and a number of shared research spaces including a set of microsuites (fluorescence microscopy, cell and tissue culture, and histology), the aquatic research facility, and a spacious research greenhouse.

- Biology Major (p. 34)
- Biology Minor (p. 39)

Jennie Rinehimer, Chair
Aaron Krochmal, Associate Chair
Angela Chuang
Martin Connaughton
Rachel Ende
Mala Misra
Mindy Reynolds
Suzanne Thuecks
Jennifer Wanat

BIO SCE Senior Capstone Experience 2-4 Credits
Students enroll in the SCE course during their final year. Credits are awarded in the final semester for year-long experimental SCEs and double-majors, and during the semester of completion for single-semester, monograph-based SCEs.
Term(s) Offered: All Terms, All Years

BIO 100 Current Topics in Biology with Lab 4 Credits
An introduction to some of the fundamental principles and concepts of modern biology. Emphasis varies with the course, which might range in topic from forensic biology to toxicology to ecology and evolution. The application of biological phenomena to everyday life and the scientific method are emphasized. The laboratory explores topics introduced in lecture and exposes students to investigative learning.
Term(s) Offered: All Terms, All Years
Fees: $25 Lab Fee

BIO 111 General Biology I with Lab 4 Credits
This course provides an introduction to living systems. Topics studied include biomolecules, cell structure and function, metabolism, genetics and molecular biology (BIO 111) and diversity of life, physiology of plants and animals, evolution, and ecology (BIO 112). The laboratory complements the lecture and also provides an introduction to experimentation and communication of experimental results. Successful completion of BIO 111, 112 requires students to enroll in the lab sections of General Biology (BIO 113, 114) independently of the lecture. These courses are designed for students with a strong interest in the biological sciences and are prerequisites for upper-level biology courses.
Requisites: Coreq: BIO 113
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

BIO 112 General Biology II with Lab 4 Credits
This course provides an introduction to living systems. Topics studied include biomolecules, cell structure and function, metabolism, genetics and molecular biology (BIO 111) and diversity of life, physiology of plants and animals, evolution, and ecology (BIO 112). The laboratory complements the lecture and also provides an introduction to experimentation and communication of experimental results. Successful completion of BIO 111, BIO 112 requires students to enroll in the lab sections of General Biology (BIO 113, BIO 114) independently of the lecture. These courses are designed for students with a strong interest in the biological sciences and are prerequisites for upper-level biology courses.
Requisites: Pre-req: BIO 111 ; Coreq: BIO 114
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

BIO 113 General Biology I Lab 0 Credits
This is the laboratory section corresponding to the General Biology I lecture (BIO 111). BIO 113 is a required co-requisite of BIO 111. Assessments in BIO 113 are incorporated into the final grade of BIO 111.
Term(s) Offered: Fall, All Years

BIO 114 General Biology II Lab 0 Credits
This is the laboratory section corresponding to the General Biology II lecture (BIO 112). BIO 114 is a required co-requisite of BIO 112. Assessments in BIO 114 are incorporated into the final grade of BIO 112.
Requisites: Pre-req: BIO 111
Term(s) Offered: Spring, All Years

BIO 190 Biology Internship 4 Credits
An internship developed by a faculty mentor and student in close consultation with the supervisor at the internship site. A learning contract is developed prior to enrollment in the course. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. Graded A-F. 45 hours per credit are required.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years

BIO 194 Special Topics 4 Credits
The study of areas in biology that are not regularly offered in the curriculum. Courses may be interdisciplinary, seminar or winter/summer field-type courses and will be designated as Category I, II or III, if there is a laboratory component.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years

BIO 202 Stem Cell Biology with Lab 4 Credits
Stem cells possess the ability to build new tissues or replenish depleted ones. This course serves as an introduction to the unique biology of stem cells and their potential clinical applications in the treatment of degenerative disorders.
Requisites: Pre-req: BIO 111
Term(s) Offered: Spring, Odd Years
Fees: $50 Lab Fee

BIO 203 Microbiology with Lab 4 Credits
A study of microorganisms (viruses, bacteria, archaea, fungi, and protists). Topics include structure/function of prokaryotic cells; microbial metabolism, growth, genetics, and diversity; epidemiology; mechanisms of pathogenicity; selected infectious diseases; and environmental microbiology. The laboratory portion of the course emphasizes microscopy, microbial culture and enumeration, microbial metabolism, and water, food, and medical microbiology.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

BIO 205 Cell & Molecular Biology with Lab 4 Credits
Part of an introductory set of courses designed for biology majors. This course provides an introduction to the cellular processes common to life with central themes including metabolism, macromolecular function and the genetic basis of cellular function. We examine the composition and function of membranes, how the structure of proteins affects function, the central dogma of information transfer, and how cells communicate. This course is designed to prepare students for in-depth, upper-level work in areas related to cell biology, molecular biology, biochemistry and genetics.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years
Fees: $50 Lab Fee

BIO 206 Ecology with Lab 4 Credits
A study of the fundamentals of ecology. Topics include the relationships between organisms and their physical environment, population growth and structure, life histories, predator-prey interactions between species, community structure and dynamics, and ecosystem structure & function. Most of the weekly laboratories involve on or off-campus field trips for the collection of data from various ecosystems, while the remaining labs involve processing, graphing and statistical analysis of field data.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years
Fees: $50 Lab Fee

BIO 208 General Zoology with Lab 4 Credits
General Zoology topics range from taxonomy and systematics to the basic patterns of form and function that characterize the major groups of animals. Lecture and laboratory work include functional morphology, reproduction, development, evolution, and ecology from simple protozoans through complex vertebrate taxa. The course emphasizes diverse adaptations of animals to the aquatic and terrestrial habitats in which they live.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: Fall, Non Conforming
Fees: $50 Lab Fee

BIO 209 Genetics with Lab 4 Credits
A study of heredity in cells, individuals, and populations, and of the molecular expression of genes. The course emphasizes genetic analysis in both lab and lecture. Topics in the laboratory include experiments in transmission, population, cellular, and molecular genetics using a variety of organisms as models.
Requisites: Pre-req: BIO 111 and BIO 112
Cross-listed as: BIO 305/BIO 209
Term(s) Offered: All Terms, All Years
Fees: $50 Lab Fee

BIO 211 Plant Biology & Diversity with Lab 4 Credits
An introduction to plants emphasizing their diversity, structure, function, and ecology. The laboratory includes field trips to collect local flora and explores plant cells and tissues, physiological processes, and environmental influences on growth and metabolism.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: Fall, Non Conforming
Fees: $50 Lab Fee

BIO 213 Tropical Ecology 4 Credits
Tropical rainforests are a center of biodiversity and are of significant ecological importance. This course immerses students in the tropical rainforests of Central America, allowing for extensive observation and explorations of topics such as animal behavior, ornithology, herpetology, ecosystem services, and biodiversity. In addition to two weeks in a lowland tropical rainforest, the course also features pre-departure and post-travel class meetings and activities.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: Winter, Even Years

BIO 221 The Bermuda Environment 4 Credits
This summer course investigates the complex marine ecology of the Bermuda Islands, the impact that human habitation and tourism have had on their natural history, and current environmental concerns and means of mitigating those concerns. Major areas of study include (but not be limited to) geology of Bermuda, biogeography and colonization, coral reef ecology, sponge and sea grass ecology, culture and history of Bermuda and its major towns, and the environmental impacts of so many people living on and visiting such a small area of islands.
Requisites: Pre-req: BIO 111, BIO 112, or ENV 101
Cross-listed as: BIO 221/ENV 221
Term(s) Offered: Summer, Odd Years

BIO 228 Ornithology with Lab 4 Credits
An in-depth study of birds with respect to their evolutionary history, structural and physiological adaptations, behavior, and ecology. The laboratory component of this course focuses on the identification of local species of birds and reinforcement of lecture topics in the field. The lab introduces research techniques used to study birds in the field and includes visits to the River and Field Campus (RAFC) and local wildlife areas.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: Fall, Odd Years
Fees: $50 Lab Fee

BIO 290 Biology Internship 4 Credits
An internship developed by a faculty mentor and student in close consultation with the supervisor at the internship site. A learning contract is developed prior to enrollment in the course. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. Graded A-F. 45 hours per credit are required.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years

BIO 294 Special Topics 4 Credits
The study of areas in biology that are not regularly offered in the curriculum. Courses may be interdisciplinary, seminar or winter/summer field-type courses and will be designated as Category I, II or III, if there is a laboratory component.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years

BIO 295 On Campus Research 4 Credits
A ten-week on-campus summer research project to be guided by a faculty mentor. Based on mutual interests, the student and faculty mentor develop a research project, supported by a reading list and involving theoretical, laboratory, or field investigations. Participants produce a final report detailing the findings of their research. Selection of students depends on academic background, scholastic achievement, and the results of a personal interview with the faculty mentor. 45 hours per credit required. Graded A-F
Term(s) Offered: Summer, All Years

BIO 296 Off-Campus Research 4 Credits
An individual research project chosen by the student in consultation with a faculty mentor. The project involves the design and performance of an experiment or experimental series and submission of a written report. 45 hours per credit are required. Graded A-F
Term(s) Offered: Summer, All Years

BIO 301 Integrative Human Anatomy with Lab 4 Credits
A holistic, integrative investigation into the major body systems of humans, examining human anatomy through an integrative lens. Integration occurs across levels of organization (from molecules and cells up through organ systems) as well as time (across the phylogeny of vertebrates), with emphasis placed on system structure, function, and evolutionary modification across vertebrate phylogeny. Laboratory work consists of detailed systems-level examination, interactive simulations, and guided dissection.
Requisites: Pre-req: BIO 111, BIO 112, and one 200 level BIO course
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

BIO 302 Developmental Biology with Lab 4 Credits
Developmental biology integrates concepts and practices from cell biology, genetics, anatomy, neurobiology, evolutionary biology, and beyond to examine how complex multicellular organisms arise from a single cell--the fertilized egg. This course discusses the events of development from fertilization through organ development in a range of animal systems, focusing on the cellular and molecular mechanisms that regulate cell and tissue growth and differentiation. Laboratory exercises use model organisms such as the embryonic sea urchin, fish, chick, and fruit fly to introduce common experimental techniques. Class discussions connect basic concepts from developmental biology to ethical debates related to reproductive, maternal, and fetal health.
Requisites: Pre-req: BIO 111, BIO 112, and one 200 level BIO course
Term(s) Offered: Fall, Non Conforming
Fees: $50 Lab Fee

BIO 309 Marine & Estuarine Bio with Lab 4 Credits
The course examines marine and estuarine ecosystems. The course focuses on coastal communities common in the mid-Atlantic region (rocky intertidal, sandy beach, salt marsh, etc.), but also addresses more exotic marine communities (deep sea, coral reef, mangrove, etc.). Lectures focus on the biological, chemical and physical oceanographic processes influencing these ecosystems and the ecology of interacting species in these communities. Labs provide an introduction to marine invertebrate zoology for the first half of the semester and independent research projects working with marine invertebrate species during the second half of the semester. One of the labs involves a day-long trip to sandy beach, dune, maritime forest, and salt marsh communities in Lewes, DE.
Requisites: Pre-req: BIO 111, BIO 112, and one 200 level BIO course
Term(s) Offered: Spring, Even Years
Fees: $50 Lab Fee

BIO 311 Neurobiology with Lab 4 Credits
An overview of the field of neurobiology. The structure and components of the nervous system are discussed. In addition, the methods of communication within the nervous system and including an overview of some of the sensory systems that relay environmental cues for processing in the CNS are examined. The purpose of this laboratory is to become familiar with neuroanatomy as well as experimental techniques used in the field of neuroscience both by hands on experience and reading/ presenting journal articles.
Requisites: Pre-req: BIO 111, BIO 112, and one 200 level BIO course
Term(s) Offered: Fall, Non Conforming
Fees: $50 Lab Fee

BIO 313 Wetlands Ecology with Lab 4 Credits
Wetlands Ecology provides an in-depth examination of the function and types of wetlands with an emphasis on ecosystem services, biodiversity and conservation. Lecture includes a broad overview of the role wetlands play in larger ecosystems as well as the hydrology, geology, chemistry, trophic interactions, and species common to these unique aquatic systems. Laboratories include a large field-based component where students will learn to identify wetlands and their associated flora and fauna.
Requisites: Pre or co-req: BIO 111, BIO 112, and BIO 206 or ENV 294 Applied Ecology
Cross-listed as: BIO 313/ENV 313
Term(s) Offered: Spring, Non Conforming

BIO 314 Biotechnology & Molecular Bio with Lab 4 Credits
This course introduces the tools and techniques of biotechnology. While the discipline of biotechnology is founded in molecular biology, its tools can be applied to tackle problems in all branches of biology from cell biology to evolution. This course provides the conceptual background for understanding the basis of biotechnology and emphasizes laboratory activities related to DNA and DNA-RNA-protein interconnections. Student learn standard techniques in DNA analysis and cloning.
Requisites: Pre-req: BIO 111 and BIO 112, and one upper-level Biology course. ; Pre or co-req: CHE 140
Term(s) Offered: Spring, Non Conforming

BIO 315 Ecophysiology with Lab 4 Credits
This course examines how organisms' physiological responses have evolved in response to ecological challenges, such as fluctuating or extreme conditions in their environment. Discussions of physiological adaptations integrate topics from a variety of fields, including behavior, ecology, and molecular biology. Interactions between vertebrate animals and their biotic and abiotic environments are emphasized. The laboratory component of the course includes both in-lab and field activities.
Requisites: Pre-req: BIO 111, BIO 112, and one 200 level BIO course
Term(s) Offered: Fall, Non Conforming
Fees: $50 Lab Fee

BIO 328 Behavioral Ecology with Lab 4 Credits
This course addresses how animal behavior has evolved in response to ecological pressures in the environment. Topics covered in the course include competition, sexual selection, parent-offspring conflict, social interactions, and game theory. Laboratory work includes discussions of primary literature, activities in the classroom, and field excursions.
Requisites: Pre-req: BIO 111 and BIO 112.
Term(s) Offered: Spring, Even Years

BIO 336 Fish Physiology and Behavior with Lab 4 Credits
Fish are the oldest, largest, and most diverse group of vertebrates on Earth. Humans have 5 senses, but most fish have 6 and some have 7. The physiology, anatomy, behavior, and ecology of fishes are discussed are discussed. Topics include locomotion, feeding, sensory biology, predator/prey interactions, communication, reproduction and extreme habitats like the deep sea and polar waters. Laboratory work is split between identification of specimens to become familiar with the major fish families of the Chesapeake region and investigations of fish behavior, including a multi-week independent project. Lab includes two all-day field trips, one to the largest fish collection in the world at the Smithsonian Museum of Natural History Support Facility and one to the Baltimore Aquarium.
Requisites: Pre-req: BIO 111, BIO 112, and one 200 level BIO course
Term(s) Offered: Spring, Odd Years
Fees: $50 Lab Fee

BIO 350 Introduction to Toxicology with Lab 4 Credits
An introduction to the interdisciplinary field of toxicology at the molecular, environmental, and regulatory level. Basic concepts of toxicology including the history of poisons, dose-response, routes of exposure, and mechanisms of toxicity that pertain to human health and the environment are covered. Emphasis is placed on information literacy to support problem-based and evidence-based learning and case studies are used to delve into the social, political, and global issues involved.
Requisites: Pre-req: BIO 111 . BIO 205; Pre or co-req: CHE 201, or CHE 120 and CHE 140
Term(s) Offered: Spring, Non Conforming
Fees: $50 Lab Fee

BIO 351 Evolution with Lab 4 Credits
An in-depth examination of various components of evolutionary biology. Topics include (but are not limited to) evolutionary mechanisms, genetics, speciation, adaptation, extinction, evolutionary history, and analysis of evolutionary relationships. Laboratory exercises emphasize the discussion and analysis of primary literature articles supplemented by laboratory- and field-based observations.
Requisites: Pre-req: BIO 111, BIO 112, and one 200 level BIO course
Term(s) Offered: Spring, Non Conforming
Fees: $50 Lab Fee

BIO 390 Biology Internship 4 Credits
An internship developed by a faculty mentor and student in close consultation with the supervisor at the internship site. A learning contract is developed prior to enrollment in the course. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. Graded A-F. 45 hours per credit are required.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years

BIO 392 Biology Junior Seminar 2 Credits
Biology students participate with faculty in the department's weekly Biology Seminar in the spring semester of the junior year. Instruction focuses on searching the biological literature, reading of primary literature, and preparing students to be engaged in the Senior Capstone Experience. Zero credits.
Term(s) Offered: Spring, All Years

BIO 394 Special Topics 4 Credits
The study of areas in biology that are not regularly offered in the curriculum. Courses may be interdisciplinary, seminar or winter/summer field-type courses and will be designated as Category I, II or III, if there is a laboratory component.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years
Fees: $50 Lab Fee

BIO 395 On-Campus Guided Research 4 Credits
A ten-week on-campus summer research project to be guided by a faculty mentor. Based on mutual interests, the student and faculty mentor develop a research project, supported by a reading list and involving theoretical, laboratory, or field investigations. Participants produce a final report detailing the findings of their research. Selection of students depends on academic background, scholastic achievement, and the results of a personal interview with the faculty mentor. 45 hours per credit required. Graded A-F
Term(s) Offered: All Terms, All Years

BIO 396 Off-Campus Research 4 Credits
An individual research project chosen by the student in consultation with a faculty mentor. The project involves the design and performance of an experiment or experimental series and submission of a written report. 45 hours per credit are required. Graded A-F
Term(s) Offered: Summer, All Years

BIO 397 Independent Study 4 Credits
The in-depth study of an area of particular interest to a student and faculty mentor not covered by the regular curriculum. 45 hours per credit are required. Graded A-F.
Term(s) Offered: All Terms, All Years

BIO 404 Immunology with Lab 4 Credits
An overview of host defense systems. Topics include lymphoid organs, hematopoiesis, leukocyte structure and function, innate and adaptive immunity, antigens, antibodies; lymphocyte receptors, immunogenetics, the major histocompatibility complex, complement, vaccines, and immune disorders. The laboratory focuses on antigen-antibody interactions.
Requisites: Pre-req: BIO 111, BIO 112, and one 200 level BIO course ; Pre or co-req: CHE 140
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

BIO 409 Biochemistry with Lab 4 Credits
The chemistry and metabolism of biological molecules. Students learn about the structure, function and metabolism of proteins, carbohydrates, and fats. Thermodynamics and enzyme-mediated catalysis are addressed, with an emphasis on how reaction rates and energetics affect biological processes and pathways. A laboratory is conducted weekly to introduce students to experimental techniques and molecular modeling.
Requisites: Pre-req: BIO 111, BIO 205, CHE 120, CHE 140, CHE 220
Cross-listed as: BIO 409/CHE 309
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

BIO 424 Integrative Human Physiology with Lab 4 Credits
A holistic, integrative investigation into the major body systems of humans, examining human physiology through an integrative lens. Topics include gas exchange, circulation, water and ion balance, and excitable cells. Laboratory work consists of hands-on explorations of physiological phenomena, research techniques and technologies, and data analysis.
Requisites: Pre-req: BIO 111, BIO 112, & two 200 or 300 or 400 level BIO courses
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

BIO 490 Biology Internship 4 Credits
An internship developed by a faculty mentor and student in close consultation with the supervisor at the internship site. A learning contract is developed prior to enrollment in the course. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. Graded A-F. 45 hours per credit are required.
Requisites: Pre-req: BIO 111 and BIO 112 . BIO 390
Term(s) Offered: All Terms, All Years

BIO 494 Special Topics 4 Credits
The study of areas in biology that are not regularly offered in the curriculum. Courses may be interdisciplinary, seminar or winter/summer field-type courses and will be designated as Category I, II or III, if there is a laboratory component.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years

BIO 495 On-Campus Guided Research 4 Credits
A ten-week on-campus summer research project to be guided by a faculty mentor. Based on mutual interests, the student and faculty mentor develop a research project, supported by a reading list and involving theoretical, laboratory, or field investigations. Participants produce a final report detailing the findings of their research. Selection of students depends on academic background, scholastic achievement, and the results of a personal interview with the faculty mentor. 45 hours per credit required. Graded A-F
Term(s) Offered: All Terms, All Years

BIO 496 Off-Campus Research 4 Credits
An individual research project chosen by the student in consultation with a faculty mentor. The project involves the design and performance of an experiment or experimental series and submission of a written report. 45 hours per credit are required. Graded A-F
Term(s) Offered: All Terms, All Years

BIO 497 Independent Study 4 Credits
The in-depth study of an area of particular interest to a student and faculty mentor not covered by the regular curriculum. 45 hours per credit are required. Graded A-F.
Term(s) Offered: All Terms, All Years

Biology Major

Department of Biology (p. 28)
Division of Natural Sciences and Mathematics

Overview of the Biology major:

A strong knowledge base is essential for a biologist, but it does not alone make the scientist. Therefore, the Biology major seeks to guide students to develop the skills to ensure that, for them, biology is an inquiry-based discipline. Through ample opportunities for practice, students learn to:

- read, understand, and analyze biological literature;
- design, perform, and analyze experiments to ask questions and test hypotheses; use up-to-date techniques and equipment common in the discipline; communicate their questions and findings both orally and in writing; and
- work collaboratively on experimentation with fellow students and faculty who share a love of inquiry.

Biology Major Requirements

Code	Title	Credits	Notes
Take 4 Foundational Biology Courses		**16**	_____
BIO 111 & BIO 113	General Biology I with Lab and General Biology I Lab		_____
BIO 112 & BIO 114	General Biology II with Lab and General Biology II Lab		_____
BIO 205	Cell & Molecular Biology with Lab		_____
BIO 206	Ecology with Lab		_____
Select 5 Advanced Biology Courses In At Least 3 categories. (See the "Categories of Study" list below for options)		**20**	_____
Complete courses in at least three categories: Ecology (Category I), Cellular Biology (Category II), and Organismal Biology (Category III).			_____
BIO Elective Category II [1]			_____
BIO Elective Category III			_____
BIO Elective Category I , II, III, IV [2]			_____
BIO Elective Two courses from either Category I, II, or III [2]			_____
Take 6 Ancillary Courses; see note on Recommended Ancillary Courses		**20**	_____
CHE 120	Chem Principles Org Molecules with Lab		_____
CHE 140	Reactions of Organic Molecules with Lab		_____
CHE 220	Quantitative Chemical Analysis with Lab		_____
CHE 240	Chemistry of the Elements with Lab		_____
MAT 111	Differential Calculus		_____
or MAT 106 & MAT 107	Stretch Differential Calculus I and Stretch Differential Calculus II		_____
BIO 392	Biology Junior Seminar (0 credits)		_____
Senior Capstone Experience (BIO SCE)		**2-4**	_____
Total Credits		**58-60**	_____

1 Not BIO 205 Cell & Molecular Biology with Lab.
2 Not BIO 205 Cell & Molecular Biology with Lab or BIO 206 Ecology with Lab.

Code	Title	Credits	Notes
Recommended Ancillary Courses (not required for graduation, but many medical and graduate schools require)			_____
PHY 101 & PHY 102	College Physics I with Lab and College Physics II with Lab		_____
or PHY 111 & PHY 112	General Physics I with Lab and General Physics II with Lab		_____
MAT 109	Statistical Inference & Data Analysis I		_____

Category I. Ecology

Code	Title	Credits	Notes
BIO 206	Ecology with Lab [EE]	4	_____
BIO 294	Special Topics	4	_____
BIO 309	Marine & Estuarine Bio with Lab [EE]	4	_____
BIO 328	Behavioral Ecology with Lab [EE]	4	_____
BIO 351	Evolution with Lab [EE]	4	_____
BIO 394	Special Topics	4	_____
BIO 494	Special Topics	4	_____
ENV 302	Conservation & Wildlife Techniques [EE, 1]	4	_____
ENV 305	Marine Conservation [EE]	4	_____
ENV 315	Restoration Ecology [EE]	4	_____

[1] Note: only one ENV course may count toward Biology major.

Category II. Cellular Biology

Code	Title	Credits	Notes
BIO 202	Stem Cell Biology with Lab	4	_____
BIO 203	Microbiology with Lab [BMI, PO]	4	_____
BIO 205	Cell & Molecular Biology with Lab [BMI]	4	_____
BIO 209	Genetics with Lab [BMI]	4	_____
BIO 302	Developmental Biology with Lab [BMI]	4	_____
BIO 314	Biotechnology & Molecular Bio with Lab [BMI]	4	_____
BIO 404	Immunology with Lab [BMI, PO]	4	_____
BIO 409	Biochemistry with Lab [BMI]	4	_____
BIO 294	Special Topics	4	_____
BIO 394	Special Topics	4	_____
BIO 494	Special Topics	4	_____

Category III. Organismal Biology

Code	Title	Credits	Notes
BIO 208	General Zoology with Lab [PO]	4	_____
BIO 211	Plant Biology & Diversity with Lab [EE, PO]	4	_____
BIO 228	Ornithology with Lab [PO]	4	_____
BIO 301	Integrative Human Anatomy with Lab [PO]	4	_____
BIO 311	Neurobiology with Lab [PO]	4	_____
BIO 315	Ecophysiology with Lab [EE, PO]	4	_____
BIO 336	Fish Physiology and Behavior with Lab [PO]	4	_____
BIO 350	Introduction to Toxicology with Lab [BMI]	4	_____
BIO 424	Integrative Human Physiology with Lab [PO]	4	_____
BIO 294	Special Topics	4	_____
BIO 394	Special Topics	4	_____
BIO 494	Special Topics	4	_____

Category IV. Seminars

BIO X94 Special Topics in Biology (lab-bearing or non-lab bearing courses)

Category V. Research/Independent Study/Internship/Field Course

Code	Title	Credits	Notes
BIO 213	Tropical Ecology	4	_____
BIO 221	The Bermuda Environment	4	_____
BIO 294	Special Topics [EE]	4	_____
BIO 290	Biology Internship	4	_____
BIO 390	Biology Internship	4	_____
BIO 490	Biology Internship	4	_____
BIO 295	On Campus Research	4	_____
BIO 395	On-Campus Guided Research	4	_____
BIO 495	On-Campus Guided Research	4	_____
BIO 296	Off-Campus Research	4	_____
BIO 396	Off-Campus Research	4	_____
BIO 496	Off-Campus Research	4	_____
BIO 397	Independent Study	4	_____
BIO 497	Independent Study	4	_____

- BIO 100 Current Topics in Biology with Lab is a distribution course, and does not count toward the major or minor in biology.
- BIO 111 General Biology I with Lab and BIO 112 General Biology II with Lab count for distribution, and along with all upper-level courses (200-level and above) count toward the major and minor in biology.
- Introductory courses and many upper-level courses are offered annually, while other courses are offered on an alternate year basis. For planning purposes, information about the semester/year in which a course is to be offered is available on the departmental web page.

Students who successfully complete the Biology major typically have grades of C- or better in both semesters of General B Differential Calculus (MAT 111 Differential Calculus).

Biology (BIO 111 General Biology I with Lab, BIO 112 General Biology II with Lab). Students with grades below a C- in these classes and plan to major in Biology are encouraged to repeat General Biology before enrolling in upper-level biology courses. All upper-level courses for the major must be taken at Washington College or in Washington College- approved programs although exceptions may be made by the department chair for transfer students.

BIO 205 Cell & Molecular Biology with Lab must be taken within the subsequent two semesters after having completed the BIO 111 General Biology I with Lab, BIO 112 General Biology II with Lab sequence and their associated labs (BIO 113 General Biology I Lab, BIO 114 General Biology II Lab). One 200-level course must be completed before taking a 300- or a 400-level course.

Double majors in Biology and Environmental Science

Students who double major in Biology and Environmental Science can double count a maximum of 4 courses (3 Required Courses: BIO 111 General Biology I with Lab, BIO 112 General Biology II with Lab, BIO 206 Ecology with Lab or ENV 242 Applied Ecology and 1 upper-level elective) towards their double major.

Areas of Emphasis (AOE)

Students earning a B.S. in Biology may choose an Area of Emphasis providing more in-depth coursework in one of three areas listed below. Emphases are entered on transcripts.

1. Biochemistry, Molecular Biology, & Infectious Disease,
2. Ecology & Evolution or
3. Physiology & Organismal Biology.

To successfully complete one of three optional areas of emphasis, students must fulfill the requirements for the B.S. in Biology, design their Senior Capstone Experience with a focus on that particular AOE, and complete *three* of the courses within this area of emphasis as indicated in the superscripted list below ([BMI] = Biochemistry, Molecular Biology, & Infectious Disease; [EE] = Ecology & Evolution; [PO] = Physiology & Organismal Biology)

Advanced Placement and International Baccalaureate Credit

Students who earn a 4 on the biology AP exam can opt out of BIO 112 General Biology II with Lab but must take BIO 111 General Biology I with Lab. Students who earn a 5 on the biology AP exam can opt out of both BIO 111 General Biology I with Lab and BIO 112 General Biology II with Lab. Students who earn a 5 on the biology HL exam can opt out of BIO 112 General Biology II with Lab; but must take BIO 111 General Biology I with Lab. Students who earn a 6,7 on the biology HL exam can opt out of both BIO 111 General Biology I with Lab and BIO 112 General Biology II with Lab. However, in either case, if the student plans to major in Biology the department strongly recommends taking both courses, or at the very least, BIO 111

General Biology I with Lab. In addition, BIO 112 General Biology II with Lab is a W2 (writing intensive) course and if students do not fulfill their W2 requirement by completing BIO 112 General Biology II with Lab, they will need to take another W2 course.

Writing In the Discipline

The Biology Department emphasizes the importance of effective writing in the discipline in the design of the curriculum for the biology major. Writing appropriate to the field of biology is a key component of all majors-level courses, from the introductory General Biology sequence (BIO 111 General Biology I with Lab, BIO 112 General Biology II with Lab) through the upper-level biology courses and the Senior Capstone Experience. Some introductory and upper-level courses are designed as W2 and W3, but all courses in the major emphasize the development of writing skills. Through a combination of required and elective courses, students learn how to maintain laboratory notebooks; write abstracts, lab reports and research papers; and prepare poster presentations and the written backdrop to oral presentations.

Transfer Credit

Biology majors cannot take biology courses that will be applied to the major off campus. The only exception being biology courses offered at Washington College sanctioned full-semester, study abroad program. These courses must be reviewed and pre-approved by the chair of the Biology Department. Other courses required for the Biology major (calculus and chemistry) can be taken off campus only if pre-approved by the chairs of the requisite department.

Suggested Schedule for Biology majors

First Year

Fall	Credits	Spring	Credits
BIO 111 & BIO 113	4	BIO 112 & BIO 114	4
CHE 120 & CHE 122	4	CHE 140 & CHE 142	4
FYS 101	4	General Education Course	4
General Education Course	4	Elective Course	4
	16		**16**

Second Year

Fall	Credits	Spring	Credits
BIO 206	4	BIO 205	4
CHE 220 & CHE 222	4	CHE 240/242	4
MAT 111/106[1]	4	MAT 107[1]	4
General Education Course	4	General Education Course	4
	16		**16**

Third Year

Fall	Credits	Spring	Credits
BIO Category II course	4	BIO Category III course	4
BIO Category I, II, II, IV course	4	BIO 392	0
BIO 392	2	General Education Course	4
General Education Course	4	Elective course	4
Elective Course	4	Elective course	4
	18		**16**

Fourth Year

Fall	Credits	Spring	Credits
BIO Category I, II or III course	4	BIO Category I, II or III course	4
BIO SCE	2-4	BIO SCE	2-4
General Education Course	4	General Education Course	4
Elective Course	4	Elective course	
		Elective Course	4
	14-16		**14-16**

Total Credits 126-130

1 Take either MAT 111 OR MAT 106 & 107

Major

- Biochemistry and Molecular Biology Major (https://catalog.washcoll.edu/catalog/interdisciplinary/biochemistry-molecular-biology-major/)
- Biology Major (p. 34)
- Chemistry ACS-certified Major (p. 64)

- Chemistry Non-ACS certified Major (p. 67)
- Environmental Science Major (BS) (p. 117)
- Environmental Studies Major (BA) (p. 119)
- Neuroscience Major (https://catalog.washcoll.edu/catalog/interdisciplinary/neuroscience-major/)
- Psychology (Experimental) Major (p. 189)
- Psychology Major, Behavioral Neuroscience Concentration (p. 186)
- Psychology Major, Clinical/Counseling Concentration (p. 188)

Minor

- Biology Minor (p. 39)
- Chemistry Minor (p. 70)
- Environmental Studies Minor (p. 122)
- Psychology Minor (p. 191)

Certificate

- Secondary Education Certification Program (p. 94)

Biology Minor

Department of Biology (p. 28)
Division of Natural Sciences and Mathematics

Biology Minor Requirements

Code	Title	Credits	Notes
Core Courses		**8**	_____
BIO 111 & BIO 113	General Biology I with Lab and General Biology I Lab		_____
BIO 112 & BIO 114	General Biology II with Lab and General Biology II Lab		_____
Select five upper-level (200, 300, 400) BIO courses		**20**	_____
Total Credits		**28**	_____

Students may petition of the Biology Department, to request an appropriate upper-level course in another subject be substituted for an upper-level biology course.

Students planning on using the biology minor as a basis for further studies in the biological sciences or for employment should seriously consider taking a year of Chemistry (CHE 120 Chem Principles Org Molecules with Lab, CHE 140 Reactions of Organic Molecules with Lab).

CHE 120 Chem Principles Org Molecules with Lab, CHE 140 Reactions of Organic Molecules with Lab are prerequisites for some upper-level biology courses.

BIO 205 Cell & Molecular Biology with Lab is not required for the BIO minor, but may be a prerequisite for some upper-level BIO courses.

Major

- Biochemistry and Molecular Biology Major (https://catalog.washcoll.edu/catalog/interdisciplinary/biochemistry-molecular-biology-major/)
- Biology Major (p. 34)

Minor

- Biology Minor (p. 39)

Business Management

Division of Social Sciences

The Department of Business Management reflects Washington College values through our mission:

We transform students into leaders to create better worlds. Critical managerial skills in business combined with an emphasis on ethics, social responsibility, global business, and digital literacy infuse our business management major and minor as well as our minors in finance, accounting,

entrepreneurship, marketing, and international business. Our students learn in the classroom and apply their new knowledge and skills through co-curricular programs, internships, and research.

Our quantitative orientation teaches you how to think with numbers. Our small class sizes sharpen your discussion skills and lets you work closely with faculty. Our team projects let you experience the challenges and rewards of collaborative work. Our senior capstone—a rigorous, senior-year individual project—polishes your research, analytic, and writing skills. And most importantly, our ethics-centered curriculum will help you infuse the practice of business with purpose. All in all, our program challenges you to link the College's enduring liberal-arts values of critical thinking, effective communication, and moral courage with cutting-edge business leadership skills. At Washington College, business management is an *active* liberal art.

The Department of Business Management is a member of the AACSB Business Education Alliance, the SAP University Alliances, and the UiPath Academic Alliance, and is a partner with the B Local Mid-Atlantic community of certified B Corps. The department enjoys formal partnerships with several excellent master's programs in accounting, data analytics, finance, and the MBA that provide benefits for our graduates.

Accounting Minor

The Accounting Minor covers knowledge of the accounting principles and practices fundamental to the capture and analysis of financial information about the firm, the use of accounting information to plan and control activities, accounting theory, and practical application of accounting in the areas such as taxation and auditing. This study also includes ethical and legal guidelines necessary in gathering and reporting information and in their internal and external activities. Details can be found in the separate catalog listing for the Accounting Minor.

Entrepreneurship Minor

Entrepreneurship is the process of developing concepts into finished, actionable plans which ultimately allow us to offer marketable products or services to a defined consumer base. In order to move a concept from just a thought to a finished plan, an entrepreneur needs to carefully develop virtually all aspects of a sound business model. It is not sufficient to have an idea, gather some money, hang a sign, and consider oneself "in business". Today's business environment demands careful planning at each step along the way. Students will learn how to create for-profit as well as nonprofit organizations that can help boost prosperity while also developing a corporate social responsibility mindset that fosters economic justice, social equity, and environmental sustainability. Details can be found in the separate catalog listing for the Entrepreneurship Minor.

Finance Minor

Students pursuing the Finance Minor learn how to make the financial decisions critical to the sustainability of corporations. The acquisition of foundational knowledge related to the financial analysis of firms as well as an understanding of risk and return allows students to pursue advanced finance concepts both from the internal view of the corporation which informs the study of financial policies as well as the external evaluation and assessment of firms needed for making meaningful investment decisions. Throughout, students will examine business ethics as it particularly pertains to the field of finance. Details can be found in the separate catalog listing for the Finance Minor.

International Business Minor

The International Business Minor offers students an opportunity to learn about and analyze the forces impacting decisions necessary for conducting business around the world, including the evaluation of international organizational models and an understanding of the impact of country differences, particularly the roles culture and ethics play. Students also gain insight into how trade affects profitability, the nature of international monetary systems, and how to configure international business functions. Details can be found in the separate catalog listing for the International Business Minor.

Marketing Minor

Students pursuing the Marketing Minor learn that marketing is a creative problem-solving process that begins with recognition of consumers' needs and desires, culminates in the development or improvement of products and services in response, and repeats cyclically to refine consumption outcomes. The range of demands thus placed on the marketing professional necessitates a combination of strong quantitative and analytical proficiencies, along with robust creative and communication skills. The Concentration also underscores the ethical demands placed on marketing professionals. Details can be found in the separate catalog listing for the Marketing Minor.

Business Management Minor

If you are not majoring in Business Management, the Business Management minor will add value to your résumé by complementing your major. You'll learn the language of business, the concepts of organizations, and lay the foundation for infusing your vision with these valuable tools whether you plan to pursue a career in the arts, humanities, social sciences, mathematics, or natural sciences. The five-course minor consists of three required courses (BUS 111 Principles of Marketing, BUS 112 Intro to Financial Accounting, and BUS 302 Organizational Behavior) and two BUS electives, which may be drawn from any upper-level (200-level or higher) BUS graded course listed below. BUS 109 Managerial Statistics is not required for the Business Management minor but is highly recommended. Please note that ECN 112 Principles of Microeconomics is a prerequisite for BUS 111 Principles of Marketing.

Interdisciplinary Connections

The Business Management department contributes to several interdisciplinary minors — Arts Management & Entrepreneurship, Data Analytics, Information Systems, and the International Economics minor — as well as two interdisciplinary majors — Communication & Media Studies and International Studies. Please see catalog listings for these programs for more information.

Internships

Most Business Management majors gain valuable experience by participating in for-credit internships during the fall, spring, or summer after completing Principles of Marketing and Introduction to Financial Accounting (see internship course descriptions below for BUS 390 Business Management Internship and BUS 490 Business Management Internship). The Business Management department works closely with the Center for Career Development to prepare our students to vie for internships and flourish during their experience. Students may gain academic credit for both paid and unpaid internships. Internships may also be taken not-for-credit.

Local, national and international internships garnered by our students include the following:

- Cisco Systems
- Corbin Advisors
- Deloitte
- Dixon (global manufacturer headquartered in Chestertown)
- Equirus Capital Private Limited
- JP Morgan Chase & Co,
- Li & Fung Headquarters, Hong Kong
- Louis Vuitton Qingdao office, China
- Methodist Federation for Social Action (MFSA)
- Morgan Stanley
- Office of the Comptroller of the Currency, U.S. Department of Treasury
- Philadelphia Phillies
- T. Rowe Price

Students pursuing internships, whether for credit or not for credit, are encouraged to seek funding if needed from the William B. Johnson Business Internship Award. This program offers competitive internship awards of up to $2,500 to ensure that students do not need to pass up an opportunity to learn more about business. Johnson grants may be used to compensate for income foregone due to an unpaid internship or used for living and transportation expenses if the internship is outside the student's home area. Please see our website or contact the chair of the department for more information.

The Warehime Fund for Student Excellence in Business

The Warehime Fund for Student Excellence in Business allows students to extend themselves beyond the classroom in ways that speak directly to their individual interests, aspirations, and passions. Grant funding available from the Warehime Fund provides financial support for individual and group participation in practitioner and scholarly activities to unlock student engagement, innovation, and creativity beyond the classroom. Please see our website or contact the chair of the department for more information.

American Marketing Association Student Chapter

Students of all majors and particularly those declaring the Marketing minor are invited to participate in the student chapter of the American Marketing Association (AMA), which provides a variety of opportunities and experiences, including speakers, networking, real-life case-based competitions and more. Students are invited to contact Dr. Caroline Le Bon, chapter advisor, for more information.

Brown Advisory Student-Managed Investment Fund Program

Students from any major can participate in the Brown Advisory Student-Managed Investment Fund Program and help manage an equity fund valued at more than $1.5 million. Under the mentorship of Richard Bookbinder P '10, founder and manager of TerraVerde Capital Management and Bookbinder Capital Management, LLC, you'll learn to analyze and report on stocks, and then execute trades worth tens of thousands of dollars. The program includes career preparation, talks by visiting business leaders, and intensive work over the semester that will help prepare you for a career in the investment field. Networking events and special opportunities such as attendance at shareholder meetings allow students to acquire valuable real-world knowledge. Students are invited to apply for admission to this program by contacting Dr. Hui-Ju Tsai, Faculty Advisor.

Washington College Enactus

Enactus is an international organization that develops students into leaders through hands-on experience in designing and implementing entrepreneurial-based projects that empower people to engage in real, sustainable progress for themselves and their communities. Guided by academic advisors and business experts, students not only transform lives, but they also develop the talent and perspective essential to leadership

in an ever more complex and challenging world. Current projects of the Washington College Enactus team include developing an all-electric vehicle ride-sharing program for rural communities, and an “ecotourism” project on the Chester River. Students participate in both regional and national competitions and have access to job fairs, internships, and employment opportunities. Membership in the Washington College Enactus team is open to students of all majors. Enactus: ENtrepreneurial ACTion for others creates a better world for US all. Students are invited to contact Dr. Caddie Putnam Rankin, faculty advisor, for more information.

Honor Societies and Awards

The Washington College chapter of Sigma Beta Delta, the national business honor society, recognizes Business Management majors and minors in the top 20% of their class who aspire toward personal and professional improvement and a life distinguished by service to humankind. Alpha Mu Alpha, the national marketing honorary, recognizes qualified undergraduate students for their outstanding scholastic achievement in the area of marketing.

In addition, business management students may aspire to membership in other honor societies, including Omicron Delta Kappa, the national leadership honor society, and Phi Beta Kappa, the nation’s oldest academic honor society. Membership in Phi Beta Kappa is by invitation only, and eligibility is based on the totality of a student’s academic achievement and character. Students interested in Phi Beta Kappa are strongly advised to take a broad range of courses and work with their academic advisor to plan a program that includes at least 96 credits in liberal studies courses. The following business management courses count towards the liberal studies requirement:

Code	Title	Credits	Notes
BUS 109	Managerial Statistics	4	_____
BUS 302	Organizational Behavior	4	_____
BUS 303	Legal Environment of Business	4	_____
BUS 310	International Business	4	_____
BUS 330	International Business Experience	4	_____
BUS 334	Leadership	4	_____
BUS 360	Corporate Social Responsibility	4	_____

Students should also note that intermediate language skills are required by Phi Beta Kappa (i.e. study through the 201 level or placing at the 202 level). Native speakers of languages other than English automatically meet this criterion. Interested students are encouraged to review information about Phi Beta Kappa available online at washcoll.edu/academics/honor-societies/phi-beta-kappa/index.php (http://washcoll.edu/academics/honor-societies/phi-beta-kappa/).

Graduating seniors may aspire to three senior awards. The Rebecca Corbin Loree Business Leadership Award recognizes a graduating business management major who has demonstrated outstanding leadership potential and academic excellence in their time at Washington College. The Department of Business Management Award is given to a graduating business major who has demonstrated outstanding qualities of scholarship, character, and leadership. The Department of Business Management Senior Capstone Experience Award is awarded to a graduating business major with the most outstanding senior research project, demonstrating high scholarship and analytical skills. More information may be found on the department website.

SAP Student Recognition Award

Washington College, a member of the SAP University Alliances Program, has been authorized by SAP to award students meeting the following criteria with the SAP Student Recognition Award. In order to earn this highly valued non-transcript resume-building recognition, students must successfully complete BUS 210 Management Information Systems, BUS 315 Enterprise Resource Planning Systems and BUS 316 Data Analytics, reflecting a breadth of experience and familiarity with the SAP software products that are used to support pedagogy in these three classes. BUS 210 Management Information Systems is offered every semester while BUS 315 Enterprise Resource Planning Systems and BUS 316 Data Analytics are offered on a rotating basis so students interested in pursuing this award should work with their advisors to plan accordingly.

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- Business Management Major (p. 50)
- Business Management Minor (p. 52)
- Entrepreneurship Minor (p. 53)
- Finance Minor (p. 54)
- International Business Minor (p. 55)
- Marketing Minor (p. 57)

Caddie Putnam Rankin, Chair
Jean Davis
Sanaz Einollahi
Michael Harvey
Caroline Le Bon
Lynne Meis

Rifat Sharmely
Hui-Ju Tsai
Maria M. Vich

BUS SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience is an intensive research project on a topic chosen by the student and guided by a faculty mentor. It hones research, analytic, and writing skills developed during four years of study. Students complete the Capstone while enrolled in the four-credit Senior Capstone Experience (SCE) course, usually in the spring of their senior year; however, planning for the SCE begins in the spring of their junior year with the submission of an SCE application during advising week. The Capstone receives a mark of Pass, Fail, or Honors.
Requisites: Pre or co-req: BUS 401
Term(s) Offered: All Terms, All Years

BUS 109 Managerial Statistics 4 Credits
Managerial statistics focuses on the use of statistical analysis to make fact-based decisions for business firms and other organizations. Topics taught include descriptive statistics, normal distributions, probabilities, sampling distributions, hypothesis testing, ANOVA, and simple and multiple linear regression analysis. Data analysis techniques using Microsoft Excel are included.
Term(s) Offered: All Terms, All Years

BUS 111 Principles of Marketing 4 Credits
A critical approach to the study of the marketing concept including policies and principles. Emphasis is placed on the identification of variables involved in marketing decision-making and the process by which marketing decisions are made.
Requisites: Pre or co-req: ECN 112
Term(s) Offered: All Terms, All Years

BUS 112 Intro to Financial Accounting 4 Credits
An introduction to the accounting principles and procedures used for collecting, recording, summarizing, and interpreting financial information. Students learn to read and interpret financial statements. Special emphasis is placed upon the concepts of internal control over resources and transactions. Computerized spreadsheets are integrated into the course.
Term(s) Offered: All Terms, All Years

BUS 194 Special Topics 4 Credits
Topics not regularly offered in the department's normal course offerings.
Term(s) Offered: All Terms, All Years

BUS 195 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

BUS 196 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

BUS 197 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

BUS 209 Financial Analysis 4 Credits
This course introduces students to the fundamental concepts of finance and equips students with the ability to make meaningful financial decisions. This course addresses topics including the analysis of financial statements, the operation of financial markets, and the valuation of financial instruments, such as stocks and bonds. After taking this course, students should be able to (1) conduct financial ratio analysis, (2) understand the time value of money and apply the discounted cash flow (DCF) method to value assets, (3) understand the concept of risk and return, and (4) understand the importance of business ethics to the operation of financial markets.
Requisites: Pre-req: BUS 112 . BUS 109 or MAT 109 or ECN 215 or PSY 209
Term(s) Offered: All Terms, All Years

BUS 210 Management Information Systems 4 Credits
Management Information Systems (MIS) is the ethical use of information systems to achieve corporate goals and objectives. Students learn how to use MIS in solving business problems, finding new opportunities for organizational improvement, and supporting enterprise strategic, operational, and analytical objectives as well as how to apply ethical models to the process of design and deployment of information systems. Microsoft Access, SAP S/4HANA ERP software, and Tableau visualization software are used to illustrate database, transactional and analytical concepts.
Requisites: Pre-req: BUS 112
Term(s) Offered: All Terms, All Years

BUS 212 Managerial Accounting 4 Credits
Study of the use of accounting information to plan for, evaluate, and control activities. The course explores various product and service costing procedures. Other topics include responsibility accounting, budgets, financial analysis, costs control, and the time value of money. Emphasis is placed upon the use of information for management decisions.
Requisites: Pre-req: BUS 112
Term(s) Offered: Spring, Odd Years

BUS 220 Creativity&Innovation for Products&Serv 4 Credits
This course introduces the student to the techniques and process of creativity and innovation in the context of for-profit and not-for-profit organizations, leading to the creation of marketable products or services to a defined customer base. While existing enterprises are used as models, the tools acquired are also essential to the conception and formation of new ventures.
Term(s) Offered: Fall, All Years

BUS 224 Digital Marketing 4 Credits
This course introduces the practice of using social media and other digital communication channels, including Internet and mobile-based tools and platforms, to reach consumers and advance marketing strategies. Digital media can be used to build brands, create and maintain relationships, launch promotions, advertise products and services and more. While this course will aim to offer theoretical underpinnings needed to launch, manage, and measure digital marketing efforts, it will also attempt to teach students to creatively engage with digital marketing tools and to stay abreast of the latest developments in the fast-growing world of digital marketing.
Requisites: Pre-req: BUS 111
Term(s) Offered: Other, All Years

BUS 234 Intro to Nonprofit Management 4 Credits
In this course we explore the foundations of nonprofit management in our society. We focus on how nonprofits contribute to the heatlh and wellbeing of our communities. We investigate the unique challenges of nonprofits and how to manage them to promote success and longevity. We also discuss and debate how to maximize their social impact. The course focuses on case studies of high impact nonprofits and nonprofit failures from a thematic standpoint in order to critically examine the future of the sector.
Term(s) Offered: Spring, Non Conforming

BUS 250 Portfolio Management 1 Credit
This course offers a unique opportunity for students to develop and utilize their investment skills by providing real-life investing experience. In applying their research, student participants actively manage the Brown Advisory Student-Managed Investment Fund valued at over $1.5 million with an investment objective to achieve positive performance results that compare favorably to major market indices. Students learn how financial concepts and current global news information influence investment decisions. To further enhance investment skills through experiential learning, student participants may have meetings and/or conference calls with professionals from investment banks, commercial banks, public company forums, or institutes that focus on ESG (environmental, social, and governmental) investing. This class may be taken up to six times for credit. Admission subject to application and interview process. 1-credit.
Requisites: Pre-req: BUS 209
Term(s) Offered: All Terms, All Years

BUS 290 Business Management Internship 2 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

BUS 294 Special Topics 4 Credits
Topics not regularly offered in the department's normal course offerings.
Term(s) Offered: All Terms, All Years

BUS 295 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

BUS 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

BUS 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

BUS 302 Organizational Behavior 4 Credits
A research-based exploration of how organizations function. Topics include the division of labor, career management, culture, bureaucracy, teams, motivation, emotional intelligence, power, communication, gender, diversity, leadership, and ethics. Students read and discuss key scholarship, conduct primary research, and collaboratively lead a class. Not open to first-year students.
Term(s) Offered: All Terms, All Years

BUS 303 Legal Environment of Business 4 Credits
This course looks at how American law has evolved from English common law to today's statutory and regulatory legal environment. The course explores recent statutes such as Sarbanes-Oxley and Dodd-Frank and how they have impacted the way businesses operate. The course also investigates legal and ethical issues facing businesses today, different types of business associations, and liability issues faced by businesses under current tort law, contract law, and property law. Not open to first-year students.
Term(s) Offered: Fall, All Years

BUS 310 International Business 4 Credits
Introduction to the study of international business, including the dynamics of conducting business across national boundaries. Focuses on the critical roles that environment, culture, technology, politics, economics, communication, and ethics play in successfully conducting business on an international level. Not open to first- or second-year students.
Term(s) Offered: Other, Non Conforming

BUS 311 Global Business Strategy 4 Credits
An interactive course designed for future leaders to understand and experience the challenges associated with business at the global level. The course focuses on long term strategy, short term tactical options, the active management of functional areas within global operations, corporate structure, and supply chain management from raw material procurement to sales, marketing, and distribution of finished products. The course includes lectures, cases, guest speakers, and actively operating a competitive global business simulation. Not open to first- or second-year students.
Term(s) Offered: Other, Non Conforming

BUS 315 Enterprise Resource Planning Systems 4 Credits
This course introduces students to software essential to the functioning of the firm -Enterprise Resource Planning (ERP) software. Using SAP S/4HANA ERP software, students learn the information flows for distribution and manufacturing business processes and learn how ERP systems support these business processes in an integrated fashion. The course includes an introduction to system configuration, in which organizational structure, policy rules and other corporate information are analyzed and then mapped to the ERP system. Ethical consideration of impacted stakeholders is integrated throughout. Guest speakers and field trips provide real-world context.
Requisites: Pre-req: BUS 210
Term(s) Offered: Other, All Years

BUS 316 Data Analytics 4 Credits
Introduction to theory and practice encompassing tools used to perform descriptive, predictive, and prescriptive analytics in business and other social science settings. Topics include visualization, big data, and methods to approach both structured and unstructured data. Students develop actionable information from databases and spreadsheets using SAP, Tableau, and other software products.
Requisites: Pre-req: BUS 210
Term(s) Offered: Other, All Years

BUS 320 Entrepreneurship 4 Credits
A study of entrepreneurs and entrepreneurship, the process of identifying opportunities, the marshalling and management of resources, and strategic planning and development of a business plan. An examination of the management process through growth and change, including reasons for the successes and failures of specific companies.
Requisites: Pre-req: BUS 111
Term(s) Offered: Other, All Years

BUS 323 Consumer Behavior 4 Credits
This course is concerned with how and why people behave as consumers. Its goals are to: (1) provide conceptual understanding of consumer behavior, (2) provide experience in the application of buyer behavior concepts to marketing management decisions and social policy decision-making; and (3) to develop analytical capability in using behavioral research.
Requisites: Pre-req: BUS 111
Term(s) Offered: Other, All Years

BUS 324 Digital Marketing 4 Credits
This course introduces the practice of using social media and other digital communication channels, including Internet and mobile-based tools and platforms, to reach consumers and advance marketing strategies. Digital media can be used to build brands, create and maintain relationships, launch promotions, advertise products and services and more. While this course will aim to offer theoretical underpinnings needed to launch, manage, and measure digital marketing efforts, it will also attempt to teach students to creatively engage with digital marketing tools and to stay abreast of the latest developments in the fast-growing world of digital marketing.
Requisites: Pre-req: BUS 111
Term(s) Offered: Other, All Years

BUS 325 Marketing Research Methods 4 Credits
This course examines the role of marketing research in the formulation and solution of marketing problems, and the development of the student's basic skills in conducting and evaluating marketing research projects. Special emphasis is placed on problem formulation, research design, alternative methods of data collection (including data collection instruments, sampling, and field operations), and data analysis techniques using SPSS. Applications of modern marketing research procedures to a variety of marketing problems are explored.
Requisites: Pre-req: BUS 111 and BUS 109 or MAT 109 or PSY 209
Term(s) Offered: All Terms, All Years

BUS 327 Washington Center Internship 12 Credits
A full-time, semester-long internship in Washington, DC, with a federal agency, non-profit organization, or private firm. Depending upon interest and internship placement, students may attend hearings, conduct policy research, draft correspondence, monitor legislation, lobby members of Congress, or write analytical reports. Students will create an in-depth portfolio of their internship experience. 12 credits.
Requisites: Pre-req: BUS 111
Term(s) Offered: All Terms, All Years

BUS 328 Washington Center Seminar 3 Credits
Washington Center Interns participate in an evening seminar selected from a variety of topics offered during the semester. Students engage in class discussion and may also research seminar topics, prepare written assignments, and take examinations. Required of and limited to students enrolled in BUS 327. Three credits.
Requisites: Coreq: BUS 327
Term(s) Offered: All Terms, All Years

BUS 329 Washington Center Forum 1 Credit
Washington Center Interns participate in lectures, site visits, small group discussions, briefings, and other required events designed to help them understand the connection between their academic and professional goals and the special educational opportunities available through living and working in Washington, DC. Evaluations of these experiences are included in the student portfolio. Required of and limited to students enrolled in BUS 327. One credit.
Requisites: Coreq: BUS 327
Term(s) Offered: All Terms, All Years

BUS 330 International Business Experience 4 Credits
This summer course, taught by a Washington College Business Management faculty member, takes students abroad for up to two weeks of intensive study and experiential learning in international business. The itinerary is intense. Students visit two businesses each weekday for facilities tours and/or presentations by managers on their firms' international strategy. Cultural activities are scheduled in the evenings and on weekends. On-campus sessions prior to travel round out the academic component of the course and ensure that students get the most out of their experiences abroad. May be repeated for credit when the topic varies
Term(s) Offered: Summer, All Years
Fees: $400 Study Abroad Group O Fee

BUS 334 Leadership 4 Credits
What do leaders do? Are they born or made? Why are some leaders effective, and others ineffective? What role do followers play? This seminar explores these and other questions by focusing on leadership in organizations. Topics include vision, power,trust, ethics, communication, gender, and change. Not open to first-year students.
Term(s) Offered: Other, Non Conforming

BUS 336 Sports Leadership 4 Credits
In this course, students explore the leadership challenges associated with sport organizations ranging from the local and amateur level all the way through professional and international sports. Through assignments, activities, and guided reflection, students will develop a rich understanding of how sport leaders build and sustain effective organizations. Not open to freshmen.
Term(s) Offered: Spring, Even Years

BUS 340 Intermediate Accounting 4 Credits
The study of current and emerging financial accounting theory and techniques. Emphasizes financial statement presentation and the underlying treatment of cash, investments, receivables, inventory, long-lived assets, and intangible assets.
Requisites: Pre-req: BUS 112
Term(s) Offered: Other, Non Conforming

BUS 341 Income Tax Accounting 4 Credits
Federal taxation of individuals focusing on income, exclusions, deductions, depreciation, credits, and capital transactions. Property coverage includes the tax consequences of sales and dispositions of investment and business asserts. Both tax planning and tax compliance issues are covered.
Requisites: Pre-req: BUS 112
Term(s) Offered: Other, Non Conforming

BUS 342 Auditing 4 Credits
Auditing consists of a set of practical conceptual tools that help a person to find, organize, and evaluate evidence about the assertions of another party. This course will focus on those analytical and logical skills necessary to evaluate the relevance and reliability of systems and processes. Critical thinking and communications skills are developed through a variety of means including case analyses, presentations, discussion, preparation of group and individual case papers, and research of professional and scholarly literature. Recognizing that ethics is an integral part of the entire accounting-related profession and a significant topic in all the College's accounting courses, this course will contain a section reviewing audit ethics, and will cover lapses of ethical behavior by both auditors and audited firms.
Requisites: Pre-req: BUS 112
Term(s) Offered: Other, Non Conforming

BUS 343 Intermediate Accounting II 4 Credits
Continuation of Intermediate Accounting I. Continued emphasis on generation and presentation of financial statements. Special attention to inventory valuation, analysis of long-term debt instruments, asset impairment, share-based compensation, and the importance of ethical behavior in the business and reporting environment. Emphasis on comprehension, critical thinking, and problem solving.
Requisites: Pre-req: BUS 340
Term(s) Offered: Other, Non Conforming

BUS 351 Advertising 4 Credits
Overview of the advertising industry from client and agency sides. Advertising is placed within the marketing context of consumer behavior and market segmentation. Included is media strategy and selection, creative startegy, print and broadcast advertising from concept through production, advertising research, and international advertising strategy.
Requisites: Pre-req: BUS 111
Term(s) Offered: Other, All Years

BUS 352 International Marketing 4 Credits
International marketing is crucial in today's environment due to factors such as globalization of markets, emerging economies, development of innovation, and creation of regional cooperation as well as unique economic, political, and social situations within each country. We will analyze those factors along with their impact on marketing strategies and the development of opportunities in and outside the home country. Emphasis is placed on ethical concerns marketers must consider when developing a marketing strategy abroad.
Requisites: Pre-req: ECN 112 and BUS 111
Term(s) Offered: Other, Non Conforming

BUS 355 Corporate Finance 4 Credits
This course provides an in-depth analysis on the financial policies of corporations. Students learn how to use and analyze financial data to make sound managerial decisions. Topics covered include capital budgeting, capital structure, dividends, and payout policies, working capital management, real options, and mergers and acquisitions. In addition, to help students develop an ethical sensitivity in business, topic about ethics in corporate finance are included.
Requisites: Pre-req: BUS 209
Term(s) Offered: Other, Non Conforming

BUS 356 Multinational Financial Management 4 Credits
Today's firms are directly or indirectly exposed to an increasingly competitive global environment which presents significant implications for their financial strategies. This course provides students with a conceptual framework within which the key financial decisions of the multinational firms can be analyzed. It focuses on decision-making in an international context and on the use of financial analysis in solving international financial challenges, risks and threats as well as opportunities faced by international firms. Topics addressed include exchange rate determination and global risk management as well as financing and investment options for corporations in an international context.
Requisites: Pre-req: BUS 209
Term(s) Offered: Other, All Years

BUS 357 Intro to Quantitative Finance 4 Credits
This course provides an introduction to the application of mathematical models to the solution of financial problems. This course covers important topics in quantitative finance such as modeling risk-return relationships, risk management, optimal consumption decisions, portfolio analysis, correlation structure between securities and/or markets and the pricing of financial securities. This is a data applied course, in which the student will work on real-world data. For the computational aspects of the course, the student will work with Microsoft Excel. After taking this course, students should be able to (1) model different types of financial data, (2) analyze financial models, (3) confidently use Excel for calculations, optimization and modelling, and (4) be aware of the limitations of the data and models in the financial world.
Requisites: Pre-req: BUS 209
Term(s) Offered: Other, Non Conforming

BUS 360 Corporate Social Responsibility 4 Credits
This course offers an introduction to corporate social responsibility and a discussion of business ethics. Students will examine and debate the minimal social expectations for organizations embodied in ethical theories, legal doctrines, and community principles. We then explore and critique broader corporate social responsibilities by drawing upon theories that discuss an organization's role in maintaining a vibrant civil society. Finally, we analyze how corporate responsibilities can promote strategic and competitive advantages for the firm.
Requisites: Pre or co-req: BUS 302
Term(s) Offered: Spring, All Years

BUS 375 Arts Administration 4 Credits
This course explores various aspects of leadership, management, and entrepreneurship for the visual and performing arts. Students will learn how arts organizations define themselves, make decisions, and plan for the future. Topics may include: leadership & governance, mission & strategy, program planning & evaluation, intellectual property & contracting, marketing & public relations, and/or budgeting & fundraising. This course has no curricular prerequisite, but requires a baseline interest in and understanding of the arts.
Cross-listed as: ART 375/BUS 375/MUS375/THE375
Term(s) Offered: Spring, Even Years

BUS 390 Business Management Internship 2 Credits
An upper-level internship combining work experience and faculty supervision. Summer internships require attendance at regular Zoom meetings. Internships can be paid or unpaid. Prerequisite: BUS 111 and 112 and minimum 2.5 GPA, or approval by the department. Cannot be used to fulfill the Business Management elective. Graded Pass/Fail. 45 hours are required per credit.
Requisites: Pre-req: BUS 111 and BUS 112
Term(s) Offered: All Terms, All Years

BUS 394 Special Topics 4 Credits
Topics not regularly offered in the department's normal course offerings.
Term(s) Offered: All Terms, All Years

BUS 395 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

BUS 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

BUS 397 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

BUS 401 Strategic Management 4 Credits
Culmination of the study of business management, covering strategic analysis and implementation. The case study method is used, requiring oral and written presentations. All separate functional areas are integrated in the strategy process in relation to the firm's social responsibilities with regard to society, employees, and the larger environment. Must be taken at Washington College; cannot be transferred from study abroad or other institutions.
Requisites: Pre or co-req: BUS 111, BUS 209, and BUS 302
Term(s) Offered: All Terms, All Years

BUS 440 Investments 4 Credits
This course provides students with the essential concepts in investment and enables them to make meaningful investment decisions. To reach this goal, students discuss current investment theories and the associated empirical evidence found in academic research. Topics addressed include the operation of financial markets, financial assets and their valuation, and the construction of optimal investment portfolios. After taking this course, students should be able to (1) understand the operation of financial market, (2) be familiar with various financial instruments and investment strategies, (3) apply the discounted cash flow method to determine the value of financial assets, (4) conduct financial analysis to make investment decisions, and (5) understand the importance of business ethics to investment professionals.
Requisites: Pre-req: BUS 209
Term(s) Offered: Spring, All Years

BUS 455 Financial Derivatives 4 Credits
This course introduces financial derivatives and the operations of derivatives market. Coverage includes options, forward contracts, commodity and financial futures, and swaps. Students also learn how to use analytical models to determine the proper value of these financial products. Since the existence of a well-functioning financial market depends a lot on the integrity of its participants, especially the investment professionals, cases regarding financial crisis and business ethics will be provided and discussed. These case studies also allow students to strengthen their oral as well as written communication skills.
Requisites: Pre-req: BUS 209
Term(s) Offered: Other, Non Conforming

BUS 490 Business Management Internship 2 Credits
Upper-level internship combining work experience and faculty supervision. Summer internships require attendance at regular Zoom meetings. Internships can be paid or unpaid. Graded Pass/Fail. Cannot be used to fulfill a Business Management elective. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

BUS 494 Special Topics 4 Credits
Topics not regularly offered in the department's normal course offerings.
Term(s) Offered: All Terms, All Years

BUS 495 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

BUS 496 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Spring, All Years

BUS 497 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Accounting Minor

Department of Business Management (p. 39)
Division of Social Sciences
Jean Davis, Director

The Accounting Minor covers knowledge of the accounting principles and practices fundamental to the capture and analysis of financial information about the firm, the use of accounting information to plan and control activities, accounting theory, and practical application of accounting in the areas such as taxation and auditing. This minor is suitable for students desiring to pursue careers in both private and public accounting and offers courses needed for entry into graduate studies in accounting. The minor can be combined with the Business Management major for intensive coverage of this field. It can also be taken as a stand-alone minor for students majoring in other disciplines.

Once basic skills of reading financial statements and balance sheets have been learned, accounting is a discipline marked by critical thinking, analytic precision, ethical awareness, and clarity with words, numbers, and visual display of information. Accountants ask questions, communicate answers, and clarify the difficult choices that organizations, both for-profit and not-for-profit, face with regards to budgets and strategic planning. They also ensure that organizations adhere to ethical and legal guidelines in gathering and reporting information and in their internal and external activities.

Accounting Minor Requirements

Code	Title	Credits	Notes
Core Courses		**16**	_____
ECN 111	Principles of Macroeconomics		_____
or ECN 112	Principles of Microeconomics		_____
BUS 109	Managerial Statistics (or equivalent course)		_____
or ECN 215	Data Analysis I		_____
BUS 112	Intro to Financial Accounting		_____
BUS 209	Financial Analysis		_____
Select 4 Elective Courses From Below		**16**	_____
BUS 212	Managerial Accounting		_____
BUS 340	Intermediate Accounting		_____
BUS 341	Income Tax Accounting		_____
BUS 342	Auditing		_____
BUS 343	Intermediate Accounting II		_____
BUS 194, 294, 394, 494 Special Topics			_____
Total Credits		**32**	_____

With the prior permission of the Chair of the Department of Business Management, relevant special topic courses from other Washington College programs or courses taken at study-abroad partners may also be counted for the minor.

While internships are not required for the minor and do not count for the minor, they are strongly encouraged. Information regarding earning academic credit for internships may be found in the Business Management section of the catalog.

Preparation for Graduate Studies and the Certified Public Accounting (CPA) Exam

Students intending to pursue a career in public accounting and CPA certification are encouraged to consider entry into a Master of Accounting program upon graduation. It is recommended that students planning to enter a Master of Accounting program complete Intermediate Accounting I and II in their junior year, and that they take all five elective courses offered.

Washington College has partnerships with Master of Accounting programs offered by Loyola University Maryland, William & Mary, and Wake Forest. Please see our website for more information or contact the Director of the Accounting Minor.

Major

- Business Management Major (p. 50)

Minor

- Accounting Minor (p. 49)
- Arts Management and Entrepreneurship Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/arts-management-entrepreneurship-minor/)
- Business Management Minor (p. 52)
- Data Analytics Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/data-analytics-minor/)
- Entrepreneurship Minor (p. 53)
- Finance Minor (p. 54)
- Information Systems Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/information-systems-minor/)
- International Business Minor (p. 55)
- Marketing Minor (p. 57)

Certificate

- Secondary Education Certification Program (p. 94)

Business Management Major

Division of Social Sciences
Department of Business Management (p. 39)

We view business as the *active liberal art*, with ethics and social responsibility central to corporate success. Our graduates make positive impacts in the worlds they enter as leaders in traditional business venues such as the worlds of finance, accounting, entrepreneurship, marketing, international business and in other organizational contexts such as the worlds of government, law, and non-profit organizations - reflecting Washington College values of critical thinking, effective communication, and moral courage. The diversity of our talented faculty of teacher-scholars and practitioners echo the global nature of business.

Learning in the classroom is only the beginning. Rigorous classes ready you to participate in a wide range of real-world experiences and settings, including an award-winning student-managed investment fund program with a $1.5M+ portfolio, internships, our summer study abroad program, student-designed experiential projects, faculty-student research, and more. And there's funding available to help you achieve your goals.

Our major can be combined with any other major or minor offered at Washington College. In fact, at Washington College, Business Management majors can not only aspire to Sigma Beta Delta, the International Business Honor Society, they can also aspire to Phi Beta Kappa, the pre-eminent honor society for students pursuing a liberal education.

Business Management at Washington College - transforming students into leaders to create better worlds.

Business Management Major Requirements

The Business Management major consists of two economics introductory courses, eight 4-credit required courses, one 4-credit elective course at the 200-level or above, a Global Learning requirement, and the Senior Capstone Experience. All of the courses listed below (except for BUS SCE and BUS 401 Strategic Management) may be taken at our study-abroad partners.

Code	Title	Credits	Notes
Economics Courses		**8**	_____
ECN 111	Principles of Macroeconomics		_____
ECN 112	Principles of Microeconomics		_____
Core Business Courses		**32**	_____
BUS 109	Managerial Statistics		_____
or ECN 215	Data Analysis I		_____
or MAT 109	Statistical Inference & Data Analysis I		_____

or PSY 209	Statistics & Research Design I with Lab		_____
BUS 111	Principles of Marketing		_____
BUS 112	Intro to Financial Accounting		_____
BUS 209	Financial Analysis		_____
BUS 210	Management Information Systems		_____
BUS 302	Organizational Behavior		_____
BUS 401	Strategic Management (counts for W3; must be taken at Washington College)		_____
Additional BUS Course 200, 300 or 400 Level			_____
Select 1 Course From Below		**4**	_____
BUS 303	Legal Environment of Business		_____
BUS 360	Corporate Social Responsibility		_____
PHL 102	Contemporary Moral Issues		_____
PHL 225	Ethical Theory		_____
PHL 235	Foundations of Morality		_____
PHL 300	Business Ethics		_____
PHL 303	Environmental Ethics		_____
PHL 325	Biomedical Ethics		_____
Global learning requirement (see details below)		**0-8**	_____
Senior Capstone Experience		**2-4**	_____
Total Credits		**46-56**	_____

Global Learning Requirement

The purpose of the Global Learning requirement is to foster an understanding of the importance of the global context of contemporary business. This critical thinking skill requires students to add another layer of perspective to their analyses of problems by recognizing the need for knowledge of political, legal, economic, social, technical, environmental, and cultural factors that shape how business is conducted around the world.

This requirement may be fulfilled in one of three ways:

1. participating in a full-semester or short study abroad program (including the Chesapeake Semester);
2. studying a foreign language through the 202-level; or
3. taking two global-focus courses. For this last option, one course must be a Business Management course (BUS 310 International Business, BUS 311 Global Business Strategy, BUS 352 International Marketing, BUS 356 Multinational Financial Management, or an approved special topic course). The other course must be offered by a department other than Business Management included in an approved list published on the department's website. International students are exempt from this requirement.

The Business Management Department encourages all students to consider studying abroad. Study abroad provides first-hand experience with other ways of life — students gain a deeper understanding of how culture affects markets, firms, and strategy, offering them a new perspective on their native culture, which challenges them and stimulates their creativity and critical thinking.

Below are Study Abroad partner business programs (all taught in English):

Royal Holloway, University of London (England)
American Business School Paris (France)
Bond University (Gold Coast, Australia)
Lingnan University (Hong Kong, China)
Al Akhawayn University (Ifrane, Morocco)
Meiji Gakuin University (Yokohama, Japan)
Bogazici University (Istanbul, Turkey)
University College Cork (Cork, Ireland)

Including those listed above, there are a total of 30 semester-long study abroad programs available; only four do not offer business or management classes for their international students (contact the Global Education Office). Students interested in study abroad should share this with their academic advisors and visit the Global Education Office at their earliest convenience. Junior year is typically the best time to include a semester or two abroad.

Minors and Interdisciplinary Connections

To gain more depth in specific areas of business, Business Management majors may add one or more of the following minors: Accounting, Entrepreneurship, Finance, International Business, or Marketing. In addition, we encourage students to pursue minors in other disciplines including the interdisciplinary minors of Arts Management & Entrepreneurship, Data Analytics, and Information Systems, and International Economics. Communication & Media Studies and International Studies are two interdisciplinary majors with an emphasis on Business learning. Please see catalog listings for these programs for more information.

Major

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Minor

- Accounting Minor (p. 49)
- Arts Management and Entrepreneurship Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/arts-management-entrepreneurship-minor/)
- Business Management Minor (p. 52)
- Data Analytics Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/data-analytics-minor/)
- Entrepreneurship Minor (p. 53)
- Finance Minor (p. 54)
- Information Systems Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/information-systems-minor/)
- International Business Minor (p. 55)
- Marketing Minor (p. 57)

Certificate

- Secondary Education Certification Program (p. 94)

Business Management Minor

Rifat Sharmelly, Director

Department of Business Management (p. 39)
Division of Social Sciences

The Business Management Minor equips students with the skills needed to seamlessly transition into a wide array of business roles, starting from entry-level positions across any industry. This minor is a valuable asset for students across all majors—whether you're studying anthropology, chemistry, or theatre. The business skills you'll gain will enhance your career, no matter your field.

The Business Management Minor is designed to provide students with a strong academic foundation across all areas of business such as marketing, financial accounting, organizational behavior, strategy, information systems, global business and more. The program aims to prepare industry-ready graduates to identify, think critically, analyze and resolve business problems for working in the private and public sectors.

The five-course minor consists of three required courses (BUS 111 Principles of Marketing, BUS 112 Intro to Financial Accounting, and BUS 302 Organizational Behavior) and two BUS electives, which may be drawn from any upper-level (200-level or higher) BUS graded course listed below. BUS 109 Managerial Statistics is not required for the Business Management minor but is highly recommended. Please note that ECN 112 Principles of Microeconomics is a prerequisite for BUS 111 Principles of Marketing.

Business Management Minor Requirements

Code	Title	Credits	Notes
BUS 111	Principles of Marketing	4	_____
BUS 112	Intro to Financial Accounting	4	_____
BUS 302	Organizational Behavior	4	_____
BUS Elective (200-400 level course)		4	_____
BUS Elective (200-400 level course)		4	_____
Total Credits		**20**	_____

- BUS 109 Managerial Statistics is not required for the Business Management minor but is highly recommended.

Major

- Business Management Major (p. 50)

Minor

- Accounting Minor (p. 49)
- Arts Management and Entrepreneurship Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/arts-management-entrepreneurship-minor/)
- Business Management Minor (p. 52)
- Data Analytics Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/data-analytics-minor/)
- Entrepreneurship Minor (p. 53)
- Finance Minor (p. 54)
- Information Systems Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/information-systems-minor/)
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Certificate

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Entrepreneurship Minor

Department of Business Management (p. 39)
Division of Social Sciences

Entrepreneurship is the process of developing concepts into finished, actionable plans which ultimately allow us to offer marketable products or services to a defined consumer base. To move a concept from a thought to a finished plan, an entrepreneur needs to carefully develop virtually all aspects of a sound business model. It is not sufficient to have an idea, gather some money, hang a sign, and consider oneself "in business". Today's business environment demands careful planning at each step along the way. Students will learn how to create for-profit as well as nonprofit organizations that can help boost prosperity while also developing a corporate social responsibility mindset that fosters economic justice, social equity, and environmental sustainability.

Entrepreneurship Minor Requirements

BUS 220 Creativity&Innovation for Products&Serv is a gateway course that allows students to determine if this is the path they take before enrolling in required business management courses. By examining case studies of successful and unsuccessful corporate ventures, students build connections between their ideas for new products or services and the knowledge and skills necessary to develop these ideas into marketable offerings that could sustain a new business or expand an existing business. The required business management courses ensure that students learn the basics of accounting and marketing before taking BUS 320 Entrepreneurship, ensuring that they acquire the foundational tools critical to the successful launch and maintenance of a business or nonprofit organization. Elective courses offer additional depth in areas of particular interest to the student.

Code	Title	Credits	Notes
Required Courses		**20**	_____
BUS 220	Creativity&Innovation for Products&Serv		_____
ECN 111	Principles of Macroeconomics		_____
BUS 111	Principles of Marketing		_____
BUS 112	Intro to Financial Accounting		_____
BUS 320	Entrepreneurship		_____
Electives		**8**	_____
Select two of the following:			_____
BUS 212	Managerial Accounting		_____
BUS 234	Intro to Nonprofit Management		_____
BUS 302	Organizational Behavior		_____
BUS 303	Legal Environment of Business		_____
BUS 323	Consumer Behavior		_____
BUS 334	Leadership		_____
BUS 351	Advertising		_____
BUS 360	Corporate Social Responsibility		_____
BUS 401	Strategic Management		_____
Total Credits		**28**	_____

With the prior permission of the Director of the Entrepreneurship minor or the Chair of the Department of Business Management (p. 39), relevant special topic courses from other Washington College departments or courses taken at study-abroad partners may also be counted for the minor. See the catalog entry for the Business Management major for more information regarding study-abroad partners offering business-related courses.

Advising Notes

Business Management majors may not double-count courses required for the major as electives for the Entrepreneurship Minor.

Students who are also majoring in Business Management and planning to write a Business Plan Capstone are encouraged to select Managerial Accounting as one of their electives.

Students whose primary focus is in the arts are encouraged to consider the Arts Management and Entrepreneurship Minor, which focuses on literacy in the arts, arts industries and organizations, and experiential learning/fieldwork, rather than the Entrepreneurship Minor.

Experiential Opportunities and Funding

The IDEAWORKS Makerspace provides expertise and equipment that complements classroom learning, supporting students by allowing users to design and fabricate items using modern digital tools, as well as traditional fabrication methods. Embracing the power of the Maker Culture, the Makerspace provides access to training and tools such as 3D Printers, laser cutting and etching, electronics prototyping, sewing, traditional fabrication tools, and more.

The Warehime Fund for Student Excellence in Business supports student experiential opportunities through funding student-faculty research, senior capstone projects, internships, and microgrants. Students pursuing the Entrepreneurship Minor will be able to apply to the Warehime Fund for support of prototype development, skills building, and other co-curricular complements to the Entrepreneurship minor.

Caddie Putnam Rankin, Director

Major

- Business Management Major (p. 50)

Minor

- Accounting Minor (p. 49)
- Arts Management and Entrepreneurship Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/arts-management-entrepreneurship-minor/)
- Business Management Minor (p. 52)
- Data Analytics Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/data-analytics-minor/)
- Entrepreneurship Minor (p. 53)
- Finance Minor (p. 54)
- Information Systems Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/information-systems-minor/)
- International Business Minor (p. 55)
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Certificate

- Secondary Education Certification Program (p. 94)

Finance Minor

Department of Business Management (p. 39)
Division of Social Sciences

Students pursuing the Finance Minor learn how to make the financial decisions critical to the sustainability of corporations. The acquisition of foundational knowledge related to the financial analysis of firms as well as an understanding of risk and return allows students to pursue advanced finance concepts both from the internal view of the corporation informing the study of financial policies and the external evaluation and assessment of firms needed for making meaningful investment decisions. Students examine business ethics as it pertains to finance. The minor can be combined with the Business Management major (p. 50) for intensive coverage of this field. It can also be taken as a stand-alone minor for students majoring in other disciplines.

Given the on-going digital transformation of business, students planning to pursue careers in finance are also encouraged to minor in either Data Analytics or Information Systems, and take BUS 316 Data Analytics to prepare for future work with analytical tools.

While internships are not required for the minor and do not count for the minor, they are strongly encouraged. Information regarding earning academic credit for internships may be found in the Business Management section of the catalog.

This minor is designed to prepare students for employment or further study at the graduate level. Students interested in pursuing graduate study are encouraged to contact Prof. Tsai regarding our partnership with the University of Maryland master's programs in Finance and Quantitative Finance.

Students may be interested in the Brown Advisory Student Managed Investment Fund Program (p. 242)

Code	Title	Credits	Notes
Core Courses		**16**	_____
ECN 111	Principles of Macroeconomics		_____
or ECN 112	Principles of Microeconomics		_____
BUS 109	Managerial Statistics (or equivalent course)		_____
or ECN 215	Data Analysis I		_____
BUS 112	Intro to Financial Accounting		_____
BUS 209	Financial Analysis		_____
Electives		**16**	_____
Select four of the following (at least three must be BUS courses):			_____
BUS 355	Corporate Finance		_____
BUS 356	Multinational Financial Management		_____
BUS 357	Intro to Quantitative Finance		_____
BUS 440	Investments		_____
BUS 455	Financial Derivatives		_____
ECN 314	Money and Banking		_____
ECN 320	Econometrics		_____
ECN 411	International Finance		_____
Special topic elective courses, with the approval of the Director			_____
Total Credits		**32**	_____

With the prior permission of the Finance Minor Director or the Business Management Department Chair, relevant special topic courses from other WC subjects or courses taken at study-abroad partners may be counted for the minor. See the catalog entry for the Business Management major (p. 50) for more information regarding study-abroad partners offering business-related courses.

Students pursuing the Finance Minor along with the International Business Minor and/or the International Economics minor may count two courses towards both or all three minors.

Hui-Ju Tsai, Director

Major

- Business Management Major (p. 50)

Minor

- Accounting Minor (p. 49)
- Arts Management and Entrepreneurship Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/arts-management-entrepreneurship-minor/)
- Business Management Minor (p. 52)
- Data Analytics Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/data-analytics-minor/)
- Entrepreneurship Minor (p. 53)
- Finance Minor (p. 54)
- Information Systems Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/information-systems-minor/)
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Certificate

- Secondary Education Certification Program (p. 94)

International Business Minor

Department of Business Management (p. 39)
Division of Social Sciences

The interconnectedness of enterprises in global commerce is increasing at a dizzying pace, making an understanding of the opportunities and challenges of competing globally increasingly important. The International Business minor offers students an opportunity to learn about and analyze the forces impacting decisions necessary for conducting business around the world, including the evaluation of international organizational models and an understanding of the impact of country differences, particularly the roles culture and ethics play. Students also gain insight into how trade affects profitability, the nature of international monetary systems, and how to configure international business functions. The minor can be combined with the Business Management major for intensive coverage of this field. It can also be taken as a stand-alone minor for students majoring in other disciplines.

International Business Minor Requirements

Code	Title	Credits	Notes
Core Courses		**16**	_____
ECN 111	Principles of Macroeconomics		_____
BUS 111	Principles of Marketing		_____
BUS 112	Intro to Financial Accounting		_____
BUS 310	International Business (offered in the fall semester)		_____
Select 3 Courses From Below (at least one must be a BUS course)		**12**	_____
BUS 294 & BUS 394	Special Topics and Special Topics (will vary by semester)		_____
BUS 311	Global Business Strategy		_____
BUS 330	International Business Experience		_____
BUS 352	International Marketing		_____
BUS 356	Multinational Financial Management		_____
BUS 497	Independent Study		_____
ECN 410	International Trade		_____
ECN 411	International Finance		_____
POL 375	International Political Economy		_____
Total Credits		**28**	_____

With the prior permission of the Director of the International Business minor or the Chair of the Department of Business Management, relevant special topic courses from other subjects, or courses taken at study-abroad partners may be counted for the minor. See the catalog entry for the Business Management major (p. 50) for more information regarding study-abroad partners offering business-related courses.

Advising Note

Students pursuing the International Business Minor along with the Finance Minor and/or the International Economics minor may count two courses towards both or all three minors.

Maria M. Vich, Director

Major

- Business Management Major (p. 50)

Minor

- Accounting Minor (p. 49)
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- Business Management Minor (p. 52)
- Data Analytics Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/data-analytics-minor/)
- Entrepreneurship Minor (p. 53)
- Finance Minor (p. 54)
- Information Systems Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/information-systems-minor/)
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Certificate

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Marketing Minor

Department of Business Management (p. 39)
Division of Social Sciences

Students pursuing the Marketing Minor learn that marketing is a creative problem-solving process that begins with recognition of consumers' needs and desires, culminates in the development or improvement of products and services in response, and repeats cyclically to refine consumption outcomes. The Minor also underscores the ethical demands placed on marketing professionals, along with the legal, environmental, organizational, and individual consequences of making ethical marketing decisions. The minor can be combined with the Business Management major for intensive coverage of this field. It can also be taken as a stand-alone minor for students majoring in other disciplines.

The practice of marketing includes analyzing both internal and external influences on the consumer, and understanding and predicting consumer responses to these influences; conducting market research and data analysis to identify appropriate target market segments; developing, improving, and curating brands, products, services, and their ancillary attributes; assessing and developing organizational capacity for production, distribution, and other requirements; effectively communicating and promoting product offerings; and cultivating and maintaining relationships with customers. The range of demands placed on the marketing professional thus necessitates a combination of strong quantitative and analytical proficiencies, along with robust creative and communication skills.

While internships are not required for the minor, they are strongly encouraged. Please contact the director of the Marketing Minor or the chair of the Department of Business Management for information regarding earning academic credit for internships.

Student Opportunities

American Marketing Association Student Chapter

Students declaring the Marketing Minor are invited to participate in the student chapter of the American Marketing Association (AMA), which provides a variety of opportunities and experiences, including speakers, networking, real-life case-based competitions and more. Participation requires student membership in the American Marketing Association. Please see ama.org (http://ama.org) for more information or speak to the director of the Minor.

Alpha Mu Alpha Honorary

Alpha Mu Alpha, the national marketing honorary, recognizes qualified undergraduate students for their outstanding scholastic achievement in the area of marketing. Graduating students who have

1. declared and met the requirements of the Marketing minor and
2. who have achieved an overall GPA of at least 3.25 as of the semester prior to graduation will be invited to join.

Marketing Minor Requirements

Code	Title	Credits	Notes
Required Courses		**20**	_____
ECN 112	Principles of Microeconomics		_____
BUS 109	Managerial Statistics		_____
or ECN 215	Data Analysis I		_____
or MAT 109	Statistical Inference & Data Analysis I		_____
or PSY 209	Statistics & Research Design I with Lab		_____
BUS 111	Principles of Marketing		_____
BUS 323	Consumer Behavior		_____
BUS 325	Marketing Research Methods		_____
Select 2 Courses From Below (at least 1 must be BUS):		**8**	_____
BUS 224	Digital Marketing		_____
BUS 294	Special Topics (will vary by semester)		_____
BUS 351	Advertising		_____
BUS 352	International Marketing		_____
BUS 394	Special Topics (will vary by semester)		_____
BUS 497	Independent Study (with permission of the Director of the minor)		_____

ART 151	Visual and Critical Thinking		_____
ART 247	Introductory Video & New Media		_____
CMS 205	Persuasion: The User Experience		_____
CMS 220	Global Media & Technology		_____
PSY 221	Social Psychology		_____
Total Credits		**28**	_____

With the prior permission of the Marketing Minor Director or the Business Management, Department Chair relevant special topic courses from other WC subjects or courses taken at study-abroad partners may also be applied to the minor.

Caroline Le Bon, Director

Major

- Business Management Major (p. 50)

Minor

- Accounting Minor (p. 49)
- Arts Management and Entrepreneurship Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/arts-management-entrepreneurship-minor/)
- Business Management Minor (p. 52)
- Data Analytics Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/data-analytics-minor/)
- Entrepreneurship Minor (p. 53)
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Certificate

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Chemistry

Division of Natural Sciences and Mathematics

The mission of the Chemistry Department at Washington College is to provide outstanding undergraduate education in the chemical sciences by integrating classroom instruction with laboratory experimentation, faculty-student collaborative research, and service opportunities. Our goal is to inspire students to become liberally educated scientists. Our program is approved by the American Chemical Society. The Department offers two paths leading to the Bachelor of Science degree in Chemistry: an ACS-Certified Chemistry major and a non-ACS Certified Chemistry major.

The Chemistry program is designed to prepare students for graduate work in pure chemistry, for professional work in other scientific fields such as environmental science, engineering, medicine, dentistry, nursing, pharmacy, neuroscience, and veterinary science, for teaching at the secondary school level, and for work in industrial or governmental laboratories. Chemistry graduates have established diverse career paths that range from a dedication to pure or applied scientific research, to management of scientific and business concerns, to consultantships with industries and governments on scientific, environmental, legal, and business issues, and to service as medical personnel and elected public officials.

Students who have an interest in majoring in chemistry or double majoring in chemistry and another subject are advised to take CHE 120 Chem Principles Org Molecules with Lab and CHE 140 Reactions of Organic Molecules with Lab during their first year. Premedical students and students interested in the 3:4 pharmacy program are advised to take CHE 120 Chem Principles Org Molecules with Lab, CHE 140 Reactions of Organic Molecules with Lab and BIO 111 General Biology I with Lab, BIO 112 General Biology II with Lab during their first year.

Students intending to teach at the secondary school level should consult with the Chair of the Department of Education and the Chair of the Department of Chemistry about planning a full-course schedule as early as possible in their college career. Such students need to be aware that the National Association of State Directors of Teacher Education and Certification (NASDTEC) in Chemistry requires BIO 111 General Biology I with Lab, BIO 112 General Biology II with Lab and at least one course in computer science.

- Chemistry ACS-certified Major (p. 64)
- Chemistry Non-ACS certified Major (p. 67)
- Chemistry Minor (p. 70)

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CHE SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience (SCE) requires a literature-based research project or an experimental or computational project in collaboration with a chemistry faculty member and writing a thesis-quality report. Projects involve synthetic and preparative procedures and include the use of chemistry's research-grade UV-VIS, spectrofluorometer, FTIR, AA, NMR, GC, HPLC, GC-MS, ICP-MS, LC-MS, and the computational lab. The ACS-certified option requires a laboratory-based research project to meet the number of laboratory hours required by the ACS, which can be waived if ACS-certified option students have performed credit-based research in Fall or Spring semesters or during the summer. Seniors present project results in a poster session that is open to the College community. The SCE is graded (A-F).
Term(s) Offered: All Terms, All Years

CHE 110 Chemistry of the Environment with Lab 4 Credits
This introductory course focuses on the chemical dimensions of current environmental problems such as global warming, ozone depletion, water and soil contamination, and energy production. Fundamental principles of chemical bonding, reactions, and energy are studied as they arise in connection with each environmental issue. Interdisciplinary aspects are explored to further understand the multiple dimensions of the problems. Intended for students planning to major outside the sciences.
Cross-listed as: CHE 110/ENV 110
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

CHE 120 Chem Principles Org Molecules with Lab 4 Credits
This one-semester course provides a foundation in the fundamental principles of chemical structure and reactivity of organic molecules. Key topics include atomic and molecular structure, intramolecular and intermolecular forces, organic functional groups, thermochemistry, acid/base equilibria, kinetics, and basic organic reaction mechanisms. Laboratory work is designed to complement lecture material.
Requisites: Coreq: CHE 122
Term(s) Offered: All Terms, All Years
Fees: $50 Lab Fee

CHE 122 Chemical Principles Orgnc Molecules Lab 0 Credits
This is the first lab course offered in the Chemistry sequence, coupled with the lecture CHE 120. This course focuses on fundamentals of the laboratory experience including coverage of safety, demonstration of techniques and use of instrumentation with lab experiments concentrating on synthesis and analysis. Analytical techniques learned in this course include melting point determination, Thin Layer Chromatography, rotary evaporation, separatory funneling, volumetric/weight measurement and quantitative analysis/stoichiometry. This foundational lab course is necessary before moving on to more complex laboratory experiences.
Term(s) Offered: All Terms, All Years

CHE 140 Reactions of Organic Molecules with Lab 4 Credits
Reactions of Organic Molecules (CHE 140) builds upon the fundamental principles discussed in CHE 120 Chemical Principles of Organic Molecules. This course focuses on the reactivity of organic molecules, including aliphatic and aromatic hydrocarbons, their halogenated derivatives, and molecules containing heteroatoms such as oxygen, nitrogen, and sulfur. Students are also exposed to chemical synthesis and the use of modern spectroscopic techniques for the determination of molecular structure.
Requisites: Pre-req: CHE 120 ; Coreq: CHE 142
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

CHE 142 Reactions of Organic Molecules Lab 0 Credits
Along with practicing and applying foundational practices learned in CHE 122, the Reactions of Organic Molecules Laboratory course (CHE 142) expands the laboratory-technique tool-kit to include column chromatography, distillation, refluxing (sometimes in a nitrogen environment), recrystallization and more. In this course, in-depth organic synthesis is done and instrumental analysis is conducted for the first time, using GC/MS, H-NMR and IR spectroscopy.
Requisites: Pre-req: CHE 120 ; Coreq: CHE 140
Term(s) Offered: Spring, All Years

CHE 190 Chemistry Internship 4 Credits
Internships are an opportunity for students to work with industries, governmental laboratories and institutes, and outside non-research-based institutions. Students work closely with an on-site supervisor to discover the numerous aspects of the working world. Participants produce a final report detailing the findings of their research. A maximum of four credits is allowed. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 194 Special Topics 4 Credits
An advanced Chemistry topic or topics is chosen based on student interest and faculty expertise.

CHE 195 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

CHE 196 Off-Campus Research 4 Credits
An individual research project chosen by the student in consultation with a faculty mentor. The student, with the help of the mentor, design a project to be implemented during a one- or two-semester period or during the summer. Students conduct an appropriate literature search, carry out the research, and submit a written report by the end of each semester. Students may earn up to 4 credits for summer research for a maximum of eight credits. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 197 Independent Study 4 Credits
Students gain an opportunity for to work with a professor on a research project or on an in-depth literature review project during the academic year. Students may earn one or two credits per semester. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 210 Environmental Chemistry with Lab 4 Credits
The cycling of natural chemical species and pollutants in the water, soil and air of our earth system is a major component of our complex ecosystem. In this environmental chemistry course, students develop an understanding of the transport and reactions controlling natural chemical species in our environment, as well as the cycling of pollutants. Students study current issues of water, soil and air pollution, as well as energy production, and how society is working towards reducing the introduction and movement of pollutants through our environment. In the laboratory portion of the class, students investigate the water quality of local water bodies, including the Chester River, as well as conduct hands-on experiments related to the environmental topics studied in class.
Requisites: Pre-req: CHE 120 and CHE 220
Cross-listed as: CHE 210/ENV 210
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

CHE 220 Quantitative Chemical Analysis with Lab 4 Credits
This one-semester course is intended to provide an introduction to analytical methods utilized in chemistry. Both classical and instrumental methods of analysis are considered. A detailed treatment of simple and complex chemical equilibria with particular emphasis on acid-base, oxidation-reduction, and precipitation equilibria is presented as a basis for the classical gravimetric and titrimetric methods. The instrumental techniques include electroanalytical, UV-visible molecular spectroscopy, atomic spectroscopy, and chromatography. Other topics include a review of intermolecular forces and states of matter.
Requisites: Pre-req: CHE 120 ; Coreq: CHE 222
Term(s) Offered: All Terms, All Years
Fees: $50 Lab Fee

CHE 222 Quantitative Chemical Analysis Lab 0 Credits
The Quantitative Chemical Analysis lab course focuses on analytical techniques and data analysis, coupled with CHE 220 (lecture). Instead of emphasizing the end result of chemical synthesis, quantitative data is collected and analyzed throughout the progression of the experiments. Experimental techniques used include colorimetry, titration, gravimetric analysis and pH determination. Students gain experience with precision measurement methods and employ statistical analyses to determine the precision and accuracy of each experiment.
Requisites: Pre-req: CHE 120; Coreq: CHE 220
Term(s) Offered: All Terms, All Years

CHE 235 Art in the Anthropocene 4 Credits
This course brings students into the chemist's lab and artist's studio at turns to offer interdisciplinary insight into the overlap between scientific versus artistic processes of inquiry. Students are taught the chemical processes of various art materials and how to make, harvest, or find their own environmentally friendly materials which are then incorporated into self-designed art projects. The laboratory curriculum asks students to identify environmental hazards of art materials, understand the link of these hazards to related ailments and devastations, and identify sustainable science solutions that avoid use of the hazards. The studio curriculum introduces students to aesthetic and conceptual frameworks that contemporary artists use, and encourage students to develop a distinctive creative voice that considers the meaning of the materials and processes they work with. This course fulfills the distribution requirement for either the Humanities and Fine Arts or the Natural Sciences and Quantitative. Chemistry majors on the non-ACS certified track, Chemistry minors, and Art and Art History majors/minors can count this course as an elective for their major or minor. Non ACS-certified majors can only count this course as for the Fine Arts distribution requirement.
Cross-listed as: ART 235/CHE 235
Term(s) Offered: Other, Non Conforming
Fees: $25 Lab Fee

CHE 240 Chemistry of the Elements with Lab 4 Credits
Chemistry of the Elements is a one-semester course that builds on knowledge acquired in Chemical Principles of Organic Molecules and Quantitative Chemical Analysis. This course covers the properties of all groups of elements in the periodic table with the exception of organic carbon chemistry. It also helps students discover the relationships between elements in different groups and understand the chemical reactions they undergo. The course focuses on the properties and reactions of selected important, essential, but also less commonly covered elements and compounds such as transition metals and organometallic complexes. The course goal is to demonstrate that the study of elements other than carbon is not an isolated branch of chemistry but is relevant in our everyday life as well as to many scientific fields such as pharmacy, medicine, biology, geology, environmental science, and materials science. An essential component of the course is a three-hour laboratory session which introduces students to how inorganic compounds are used in their environmental, biochemical, and industrial contexts. An introduction of green chemistry principles is a driving force in the lab portion of this course. This course is required for Chemistry majors (ACS and non-ACS track) as well as for students on the pre-health professions track. It serves as an elective for Chemistry minors and meets the requirement for the ACS certification as a foundation course in Inorganic Chemistry.
Requisites: Pre or co-req: CHE 120 and CHE 220 ; Coreq: CHE 242
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

CHE 242 Chemisty of the Elements Lab 0 Credits
The Chemistry of the Elements laboratory course applies acquired laboratory skills to real-life applications with a main focus on sustainability and experiments investigating greener ways to utilize chemical elements. Experiments include cleaning up simulated oil spills, recycling lab waste from other laboratory experiments and determining ion concentrations in water samples from the science building. During this course, students use instrumentation such as H-, C-, and P-NMR, UV-Vis, and IR spectroscopy.
Requisites: Coreq: CHE 240
Term(s) Offered: Spring, All Years

CHE 290 Chemistry Internship 4 Credits
Internships are an opportunity for students to work with industries, governmental laboratories and institutes, and outside non-research-based institutions. Students work closely with an on-site supervisor to discover the numerous aspects of the working world. Participants produce a final report detailing the findings of their research. A maximum of four credits is allowed. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 294 Special Topics 4 Credits
An advanced Chemistry topic or topics is chosen based on student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

CHE 295 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

CHE 296 Off-Campus Research 4 Credits
An individual research project chosen by the student in consultation with a faculty mentor. The student, with the help of the mentor, design a project to be implemented during a one- or two-semester period or during the summer. Students conduct an appropriate literature search, carry out the research, and submit a written report by the end of each semester. Students may earn up to 4 credits for summer research for a maximum of eight credits. Graded A-F.
Term(s) Offered: Summer, All Years

CHE 297 Independent Study 4 Credits
Students gain an opportunity for to work with a professor on a research project or on an in-depth literature review project during the academic year. Students may earn one or two credits per semester. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 303 Chem of Biological Compounds with Lab 4 Credits
This course is designed to provide a comprehensive introduction to the structure and function of biological molecules at the molecular level. We explore biomolecular structure (proteins, nucleic acids, carbohydrates, and lipids), fundamental concepts in enzyme reaction mechanisms, and apply these concepts to the breakdown and buildup of biomolecules. Students learn to interpret biochemical data, predict the impact of mutations associated with disease and visualize biomolecular structures with the aid of computer software commonly utilized in the field. Additional topics include protein modeling, metabolism, enzyme engineering and more.
Requisites: Pre-req: CHE 140 and CHE 220
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

CHE 305 Chemical Thermodynamics/Kinetics w/Lab 4 Credits
Thermodynamics is the study of the behavior of matter and the transformation between different forms of energy on a macroscopic scale. Reaction kinetics is the study of the rate at which the macroscopic properties and composition of matter change. These changes can involve either transport properties, such as thermal conductivity, viscosity, and diffusion or chemical kinetics. Some of the chemical kinetics topics covered are rate laws, temperature effects on reaction rates, reaction rate theories, reaction mechanisms, and enzyme catalysis. Applications of chemical thermodynamics and chemical dynamics are drawn from environmental chemistry and biochemistry. Laboratory exercises include determination of thermodynamic properties and kinetics experiments.
Requisites: Pre-req: CHE 120 and CHE 220 . MAT 112; Pre or co-req: PHY 111 or PHY 101
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

CHE 306 Quantum Chem & Spectro with Lab 4 Credits
Quantum chemistry is the application of quantum mechanics to the field of chemistry. Topics included in the discussion of quantum chemistry are the early development of quantum mechanics, quantum mechanical models for molecular vibrations and rotations, and electronic structure of atoms and molecules. Spectroscopy is the study of the interactions of electromagnetic radiation with matter, and is the principal experimental tool used to investigate the predictions made using quantum mechanics. The laboratory exercises include spectroscopy experiments and the use of molecular modeling programs.
Requisites: Pre-req: CHE 120 . CHE 220 . MAT 112; Pre or co-req: PHY 112 or PHY 102
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

CHE 309 Biochemistry with Lab 4 Credits
The chemistry and metabolism of biological molecules. Students learn about the structure, function and metabolism of proteins, carbohydrates, and fats. Thermodynamics and enzyme-mediated catalysis are addressed, with an emphasis on how reaction rates and energetics affect biological processes and pathways. A laboratory is conducted weekly to introduce students to experimental techniques and molecular modeling.
Requisites: Pre-req: BIO 111, BIO 205, CHE 120, CHE 140, AND CHE 220
Cross-listed as: BIO 409/CHE 309
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

CHE 310 Greener & Sustainable Chemistry 4 Credits
In recent years, the importance of sustainable practices in chemistry has gained significant attention due to growing concerns about environmental degradation, resource depletion, and climate change. Green chemistry offers a solution-oriented approach to address these challenges by designing chemical processes and products that prevent pollution before it is created and minimize environmental impacts. Emerging trends in green chemistry research, such as artificial intelligence-driven molecular design, have revolutionized our society and the world of chemistry in the past two years. This revised course focused on systems thinking emphasizes the interdisciplinary nature of green chemistry, highlighting its integration with fields such as environmental science, engineering and technology, biology and biotechnology, economics and policymaking while engaging students in critical discussions on the challenges and opportunities associated with transitioning to global sustainable practices.
Requisites: Pre or co-req: CHE 140
Term(s) Offered: Other, Non Conforming

CHE 320 Introduction to Medicinal Chemistry 4 Credits
This course is designed to provide a comprehensive introduction to the interdisciplinary field of Medicinal Chemistry. This course will pull heavily from ideas in both chemistry and biology and will work at the intersection of both fields. We will focus on how drugs work to treat and prevent disease by working our way through the drug discovery and development pipeline. Students will learn the basics of pharmacology that can then be applied to any class of drug for any given disease. An emphasis on reading and critically evaluating primary literature will help students learn more about the topics in medicinal chemistry that most excite them.
Requisites: Pre-req: CHE 140 and CHE 220
Term(s) Offered: Fall, All Years

CHE 340 Synthesis of Organic Molecules with Lab 4 Credits
Organic Mechanisms and Synthesis delves deeper into the concepts from Reactions of Organic Molecules (CHE 140). In this course, students will learn about modern organic reactions, their mechanisms, and the application of these reactions in organic synthesis. Students will also be exposed to polymer and supramolecular chemistry, with a focus on the synthesis and properties of these compounds and their applications. The laboratory component of this course will provide students the opportunity to learn techniques that are required for the synthesis and characterization of organic, inorganic, and organometallic compounds, as well as, teach students how to think strategically about the chemical reactions needed to complete a chemical synthesis. This course will meet for three hours of lecture and three hours of lab per week.
Requisites: Pre or co-req: CHE 140 . CHE 220
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

CHE 390 Chemistry Internship 4 Credits
Internships are an opportunity for students to work with industries, governmental laboratories and institutes, and outside non-research-based institutions. Students work closely with an on-site supervisor to discover the numerous aspects of the working world. Participants produce a final report detailing the findings of their research. A maximum of four credits is allowed. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 392 Junior Seminar 2 Credits
This seminar course attempts to prepare our Chemistry majors for their future professional career, so they become successful professionals and experts in the chemistry field. This junior seminar course introduces students to professional preparation, scientific literacy proficiency, and research ethics. It is expected that at the end of this course, our majors will 1) understand the variety of career options available to chemists, 2) become proficient at literature searching, reading, and interpreting, and 3) realize the importance of the scientific code of conduct, and 4) improve their understanding of contemporary moral/societal issues in chemistry with an emphasis on sustainability science literacy. Therefore, at the end of this course, the following 4 Cs will have been practiced and mastered: Critical thinking and problem solving, Communication, Collaboration, and Creativity and innovation. Prerequisite: chemistry major and junior status.
Term(s) Offered: Spring, All Years

CHE 394 Special Topics 4 Credits
An advanced Chemistry topic or topics is chosen based on student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

CHE 395 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

CHE 396 Off-Campus Research 4 Credits
An individual research project chosen by the student in consultation with a faculty mentor. The student, with the help of the mentor, design a project to be implemented during a one- or two-semester period or during the summer. Students conduct an appropriate literature search, carry out the research, and submit a written report by the end of each semester. Students may earn up to 4 credits for summer research for a maximum of eight credits. Graded A-F.
Term(s) Offered: Summer, All Years

CHE 397 Independent Study 4 Credits
Students gain an opportunity for to work with a professor on a research project or on an in-depth literature review project during the academic year. Students may earn one or two credits per semester. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 403 Advanced Organic Chemistry with Lab 4 Credits
This course expands upon the topics discussed previously in the three semesters of organic chemistry. Topics that are covered are: Frontier Molecular Orbital (FMO) Theory and how this can be applied to chemical reactivity, Pericyclic Reactions, Linear Free-Energy Relationships, Molecular Rearrangements, Heterocyclic Chemistry, and Organometallic Chemistry. Heavy emphasis is placed on reaction mechanisms and synthesis. Prerequisite: Chemistry 140 and Chemistry 220.
Requisites: Pre-req: CHE 140 and CHE 220
Term(s) Offered: Other, Non Conforming

CHE 410 Fundamentals of Materials Science 4 Credits
All types of materials in transportation, housing, clothing, communication, healthcare, recreation, and food production influence our lives. The development and advancement of societies have been dependent on the ability to use existing materials, produce, manipulate, and select new materials that make our existence more comfortable. This course depicts the relationships between the processing of materials, their structure, and their performance based on their properties, and looks into the design, production, and utilization of these materials. The overall goal of this course is to become familiar with the selection process that scientists and engineers use when designing an appropriate material at a reasonable cost for a particular performance based on processing, characteristics, and structure-property relationship of a material.
Requisites: Pre or co-req: CHE 240
Term(s) Offered: Spring, All Years

CHE 490 Chemistry Internship 4 Credits
Internships are an opportunity for students to work with industries, governmental laboratories and institutes, and outside non-research-based institutions. Students work closely with an on-site supervisor to discover the numerous aspects of the working world. Participants produce a final report detailing the findings of their research. A maximum of four credits is allowed. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 494 Special Topics 4 Credits
An advanced Chemistry topic or topics is chosen based on student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

CHE 495 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

CHE 496 Off-Campus Research 2 Credits
An individual research project chosen by the student in consultation with a faculty mentor. The student, with the help of the mentor, design a project to be implemented during a one- or two-semester period or during the summer. Students conduct an appropriate literature search, carry out the research, and submit a written report by the end of each semester. Students may earn up to 4 credits for summer research for a maximum of eight credits. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 497 Independent Study 4 Credits
Students gain an opportunity for to work with a professor on a research project or on an in-depth literature review project during the academic year. Students may earn one or two credits per semester. Graded A-F.
Term(s) Offered: All Terms, All Years

Chemistry ACS-certified Major

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The ACS-certified major is accredited by the American Chemical Society. This major provides students with a recognized rigorous course of study that prepares them well for graduate study, work in industrial and government laboratories, as well as in allied professional fields.

Students take foundational courses in the 5 major areas of chemistry, 3 in-depth courses of their choosing, junior seminar, and calculus and calculus-based physics. A minimum of 350 lab hours are required, including a laboratory-based SCE project conducted in collaboration with a faculty member.

Chemistry ACS Certified Major Requirements

Code	Title	Credits	Notes
CHE 120 & CHE 122	Chem Principles Org Molecules with Lab and Chemical Principles Orgnc Molecules Lab	4	_____
CHE 140 & CHE 142	Reactions of Organic Molecules with Lab and Reactions of Organic Molecules Lab	4	_____
CHE 220 & CHE 222	Quantitative Chemical Analysis with Lab and Quantitative Chemical Analysis Lab	4	_____
CHE 240 & CHE 242	Chemistry of the Elements with Lab and Chemisty of the Elements Lab	4	_____
CHE 303	Chem of Biological Compounds with Lab [2]	4	_____
or CHE 309	Biochemistry with Lab		_____
CHE 305	Chemical Thermodynamics/Kinetics w/Lab	4	_____
CHE 306	Quantum Chem & Spectro with Lab	4	_____
CHE 340	Synthesis of Organic Molecules with Lab	4	_____
CHE 392	Junior Seminar	2	_____
CHE 200, 300, 400 level		4	_____
CHE 200, 300, 400 level		4	_____
CHE 200, 300, 400 level		4	_____
MAT 111	Differential Calculus [1]	4	_____
MAT 112	Integral Calculus	4	_____
PHY 111	General Physics I with Lab	4	_____
PHY 112	General Physics II with Lab	4	_____

CHE SCE	Senior Capstone Experience	4	_____
Total Credits		**66**	_____

1 MAT 106 Stretch Differential Calculus I and MAT 107 Stretch Differential Calculus II may be taken in place of MAT 111 Differential Calculus, at the advisement of the Math.

2 Students on the pre-med track must take CHE 309 Biochemistry with Lab,which has a prerequisite of BIO 111 General Biology I with Lab.

Chemistry Junior Seminar

All junior chemistry majors participate in a two-credit Chemistry Seminar (CHE 392 Junior Seminar) course offered in the spring semester of the junior year. This course is designed to prepare our chemistry majors to become citizens of the 21st century by exposing them to research ethics, sustainable science literacy, societal and moral issues in chemistry, and the writing and presentation of an integrative research proposal. Professional preparation (exposure to career options, resume building, job searching and mock interview) as well as improvement of communication (oral-debate, discussions, final presentation), written (ethics case study, abstract) and visual (poster, website) skills are the main outcomes of this seminar course.

Internship and Research Opportunities

A number of stipend-bearing internships and research opportunities exist for chemistry majors and minors. Summer on-campus research projects as well as summer and semester-long off-campus internships not only provide additional laboratory experience, but also allow students the opportunity to explore, in depth, areas of chemistry not covered in the core curriculum. Off-campus internships may or may not bear credit. On-campus summer internships are credit-bearing.

Distribution Courses

For distribution credit in Natural Sciences, the Chemistry department offers CHE 110 Chemistry of the Environment with Lab, CHE 120 Chem Principles Org Molecules with Lab, CHE 140 Reactions of Organic Molecules with Lab, CHE 220 Quantitative Chemical Analysis with Lab, and CHE 235 Art in the Anthropocene.

Advanced Placement Credit

Students who earn a 3 or 4 on the Advanced Placement exam in Chemistry will earn credit for CHE 194 Special Topics. Students who earn a 5 on the Advanced Placement exam in Chemistry will earn credit for CHE 194 Special Topics and CHE 220 Quantitative Chemical Analysis with Lab. Regardless of a student's score on the AP exam, they should begin their study of chemistry at Washington College with CHE 120 Chem Principles Org Molecules with Lab.

Transfer Credit

Students who transfer in credit as:

- General Chemistry I receive credit for CHE 194 Special Topics
- General Chemistry II receive credit for CHE 220 Quantitative Chemical Analysis with Lab
- Organic Chemistry I and II receive credit for CHE 120 Chem Principles Org Molecules with Lab and CHE 140 Reactions of Organic Molecules with Lab

It is not recommended to seek to take introductory chemistry courses away from Washington College. In exceptional circumstances, students may seek prior approval from the Chair of the Department for permission to take and transfer in such courses.

Students may specialize within a subdiscipline of chemistry or a chemistry-related cross-disciplinary or multidisciplinary area to complete an area of emphasis within the ACS certified or non-ACS certified chemistry majors. Each area of emphasis requires students to complete three 4-credit courses and their SCE in the selected area. Students pursuing the ACS certified option are only be able to count the CHE courses listed for each area of emphasis towards their major. Students who do do not choose an area of emphasis, may complete the SCE with any professor of their choice on any topic.

Chemistry Emphases are listed the transcript. A student may only complete one area of emphasis.

Organic and Medicinal Chemistry Emphasis

This emphasis is for students pursuing graduate study or careers in organic chemistry, medicinal chemistry, or pharmacology. Students gain a strong foundation in organic synthesis and mechanisms, while broadening their knowledge in areas such as drug discovery and pharmacology.

Code	Title	Credits	Notes
SCE specialization in Organic or Medicinal Chemistry			_____
Select 3 of the following:		**12**	_____

CHE 303	Chem of Biological Compounds with Lab	_____
or CHE 309	Biochemistry with Lab	_____
CHE 320	Introduction to Medicinal Chemistry	_____
CHE 403	Advanced Organic Chemistry with Lab	_____
PSY 205	Drugs & Behavior	_____
or PSY 305	Psychopharmacology with Lab	_____
Approved Special Topics Course or Research Experience [1]		_____

[1] CHE 394 Special Topics/CHE 494 Special Topics or CHE 395 On-Campus Guided Research/CHE 495 On-Campus Guided Research/CHE 396 Off-Campus Research/CHE 496 Off-Campus Research

Greener Materials Science Emphasis

This emphasis provides a thorough grounding in the basic sciences and engineering of all materials while being exposed to ways to prevent pollution before it is created (Green Chemistry). Students are prepared for graduate study, bench research, consultantships dealing with the production, structure, characterization, properties, and applications of metals, ceramics, polymers, composites, nano- and bio-compatible and electronic materials. Additionally, future chemists and engineers are provided the tools required to minimize the environmental impact of materials production.

Code	Title	Credits	Notes
SCE specialization in Greener Materials Science			_____
Select 3 of the following:		12	_____
CHE 235	Art in the Anthropocene		_____
CHE 310	Greener & Sustainable Chemistry		_____
CHE 410	Fundamentals of Materials Science		_____
Approved Special Topics Course or Research Experience [1]			_____

[1] CHE 394 Special Topics/CHE 494 Special Topics or CHE 395 On-Campus Guided Research/CHE 495 On-Campus Guided Research/CHE 396 Off-Campus Research/CHE 496 Off-Campus Research

Physical Chemistry Emphasis

This emphasis is for students interested in the physical aspects of chemistry. Students are prepared for graduate school or careers that require a stronger foundation in theoretical or physical areas of chemistry.

Code	Title	Credits	Notes
SCE specialization in Physical Chemistry			_____
Select 3 of the following:		12	_____
CHE 305 & CHE 306	Chemical Thermodynamics/Kinetics w/Lab and Quantum Chem & Spectro with Lab		_____
Approved PHY elective at the 200-level or above			_____
MAT 210	Multivariable Calculus		_____
Approved Special Topics Course or Research Experience [1]			_____

[1] CHE 394 Special Topics/CHE 494 Special Topics or CHE 395 On-Campus Guided Research/CHE 495 On-Campus Guided Research/CHE 396 Off-Campus Research/CHE 496 Off-Campus Research

Biological Chemistry

This emphasis is for students interested in pursuing graduate study or a career in biological chemistry, chemical biology, pharmacology, or related fields. Students gain a strong background in biomolecular structure and dynamics, techniques utilized in biochemical characterization of biomolecules, and principles of effective drug design.

Code	Title	Credits	Notes
SCE specialization in Biological Chemistry			_____
Select 3 of the following:		12	_____
CHE 303	Chem of Biological Compounds with Lab		_____
CHE 309	Biochemistry with Lab		_____
CHE 320	Introduction to Medicinal Chemistry		_____
CHE 305 & CHE 306	Chemical Thermodynamics/Kinetics w/Lab and Quantum Chem & Spectro with Lab		_____
BIO category II elective at 200-level or above			_____
Approved Special Topics Course or Research Experience [1]			_____

[1] CHE 394 Special Topics/CHE 494 Special Topics or CHE 395 On-Campus Guided Research/CHE 495 On-Campus Guided Research/CHE 396 Off-Campus Research/CHE 496 Off-Campus Research

Major

- Biochemistry and Molecular Biology Major (https://catalog.washcoll.edu/catalog/interdisciplinary/biochemistry-molecular-biology-major/)
- Chemistry ACS-certified Major (p. 64)
- Chemistry Non-ACS certified Major (p. 67)

Minor

- Chemistry Minor (p. 70)

Certificate

- Secondary Education Certification Program (p. 94)

Chemistry Non-ACS certified Major

Department of Chemistry (p. 58)
Division of Natural Sciences and Mathematics

The non ACS-certified major provides a pathway to be a chemistry major that gives more flexibility in the course of study compared to the ACS-certified major. There are fewer foundational classes, a biochemistry course is not required, and one can choose to take non-calculus based Physics. In addition, one of the in-depth courses can be a course offered in another science department (see requirements).

This major works well for students who are interested in applied chemistry or teaching, as well as for those who want to double major.

Chemistry Non-ACS Certified Major Requirements

Code	Title	Credits	Notes
CHE 120 & CHE 122	Chem Principles Org Molecules with Lab and Chemical Principles Orgnc Molecules Lab	4	_____
CHE 140 & CHE 142	Reactions of Organic Molecules with Lab and Reactions of Organic Molecules Lab	4	_____
CHE 220 & CHE 222	Quantitative Chemical Analysis with Lab and Quantitative Chemical Analysis Lab	4	_____
CHE 240 & CHE 242	Chemistry of the Elements with Lab and Chemisty of the Elements Lab	4	_____
CHE 305	Chemical Thermodynamics/Kinetics w/Lab	4	_____
or CHE 306	Quantum Chem & Spectro with Lab		_____

CHE 340	Synthesis of Organic Molecules with Lab	4	_____
CHE 392	Junior Seminar	2	_____
CHE 200, 300, 400 level [1]		4	_____
CHE 200, 300, 400 level		4	_____
CHE 200, 300, 400 level		4	_____
MAT 111	Differential Calculus	4	_____
MAT 112	Integral Calculus	4	_____
PHY 101	College Physics I with Lab	4	_____
or PHY 111	General Physics I with Lab		_____
PHY 102	College Physics II with Lab	4	_____
or PHY 112	General Physics II with Lab		_____
CHE SCE	**Senior Capstone Experience**	**4**	_____
Total Credits		**58**	_____

[1] One of the three elective courses for the nonACS-certified degree may be a BIO, ENV or PHY course not counted towards that major.

Distribution Courses

For distribution credit in Natural Sciences, the Chemistry department offers CHE 110 Chemistry of the Environment with Lab, CHE 120 Chem Principles Org Molecules with Lab, CHE 140 Reactions of Organic Molecules with Lab, CHE 220 Quantitative Chemical Analysis with Lab, and CHE 235 Art in the Anthropocene.

Advanced Placement Credit

Students who earn a 3 or 4 on the Advanced Placement exam in Chemistry will earn credit for CHE 194 Special Topics. Students who earn a 5 on the Advanced Placement exam in Chemistry will earn credit for CHE 194 Special Topics and CHE 220 Quantitative Chemical Analysis with Lab. Regardless of a student's score on the AP exam, they should begin their study of chemistry at Washington College with CHE 120 Chem Principles Org Molecules with Lab.

Transfer Credit

Students transferring to the College with:

- General Chemistry I receive credit for CHE 194 Special Topics
- General Chemistry II receive credit for CHE 220 Quantitative Chemical Analysis with Lab
- Organic Chemistry I and II receive credit for CHE 120 Chem Principles Org Molecules with Lab and CHE 140 Reactions of Organic Molecules with Lab

It is not recommended to seek to take introductory chemistry courses away from Washington College. In exceptional circumstances, students may seek prior approval from the Chair of the Department for permission to take and transfer in such courses.

Students may specialize within a subdiscipline of chemistry or a chemistry-related cross-disciplinary or multidisciplinary area to complete an area of emphasis within the ACS certified or non-ACS certified chemistry majors. Each area of emphasis requires students to complete three 4-credit courses and their SCE in the selected area. Students pursuing the ACS certified option are only be able to count the CHE courses listed for each area of emphasis towards their major. Students who do do not choose an area of emphasis, may complete the SCE with any professor of their choice on any topic.

Chemistry Emphases are listed the transcript. A student may only complete one area of emphasis.

Organic and Medicinal Chemistry Emphasis

This emphasis is for students pursuing graduate study or careers in organic chemistry, medicinal chemistry, or pharmacology. Students gain a strong foundation in organic synthesis and mechanisms, while broadening their knowledge in areas such as drug discovery and pharmacology.

Code	Title	Credits	Notes
SCE specialization in Organic or Medicinal Chemistry			_____
Select 3 of the following:		**12**	_____
CHE 303	Chem of Biological Compounds with Lab		_____
or CHE 309	Biochemistry with Lab		_____

CHE 320	Introduction to Medicinal Chemistry	_____
CHE 403	Advanced Organic Chemistry with Lab	_____
PSY 205	Drugs & Behavior	_____
or PSY 305	Psychopharmacology with Lab	_____
Approved Special Topics Course or Research Experience [1]		_____

[1] CHE 394 Special Topics/CHE 494 Special Topics or CHE 395 On-Campus Guided Research/CHE 495 On-Campus Guided Research/CHE 396 Off-Campus Research/CHE 496 Off-Campus Research

Greener Materials Science Emphasis

This emphasis provides a thorough grounding in the basic sciences and engineering of all materials while being exposed to ways to prevent pollution before it is created (Green Chemistry). Students are prepared for graduate study, bench research, consultantships dealing with the production, structure, characterization, properties, and applications of metals, ceramics, polymers, composites, nano- and bio-compatible and electronic materials. Additionally, future chemists and engineers are provided the tools required to minimize the environmental impact of materials production.

Code	Title	Credits	Notes
SCE specialization in Greener Materials Science			_____
Select 3 of the following:		12	_____
CHE 235	Art in the Anthropocene		_____
CHE 310	Greener & Sustainable Chemistry		_____
CHE 410	Fundamentals of Materials Science		_____
Approved Special Topics Course or Research Experience [1]			_____

[1] CHE 394 Special Topics/CHE 494 Special Topics or CHE 395 On-Campus Guided Research/CHE 495 On-Campus Guided Research/CHE 396 Off-Campus Research/CHE 496 Off-Campus Research

Physical Chemistry Emphasis

This emphasis is for students interested in the physical aspects of chemistry. Students are prepared for graduate school or careers that require a stronger foundation in theoretical or physical areas of chemistry.

Code	Title	Credits	Notes
SCE specialization in Physical Chemistry			_____
Select 3 of the following:		12	_____
CHE 305 & CHE 306	Chemical Thermodynamics/Kinetics w/Lab and Quantum Chem & Spectro with Lab		_____
Approved PHY elective at the 200-level or above			_____
MAT 210	Multivariable Calculus		_____
Approved Special Topics Course or Research Experience [1]			_____

[1] CHE 394 Special Topics/CHE 494 Special Topics or CHE 395 On-Campus Guided Research/CHE 495 On-Campus Guided Research/CHE 396 Off-Campus Research/CHE 496 Off-Campus Research

Biological Chemistry

This emphasis is for students interested in pursuing graduate study or a career in biological chemistry, chemical biology, pharmacology, or related fields. Students gain a strong background in biomolecular structure and dynamics, techniques utilized in biochemical characterization of biomolecules, and principles of effective drug design.

Code	Title	Credits	Notes
SCE specialization in Biological Chemistry			_____
Select 3 of the following:		12	_____
CHE 303	Chem of Biological Compounds with Lab		_____

CHE 309	Biochemistry with Lab	_____
CHE 320	Introduction to Medicinal Chemistry	_____
CHE 305 & CHE 306	Chemical Thermodynamics/Kinetics w/Lab and Quantum Chem & Spectro with Lab	_____
BIO category II elective at 200-level or above		_____
Approved Special Topics Course or Research Experience [1]		_____

[1] CHE 394 Special Topics/CHE 494 Special Topics or CHE 395 On-Campus Guided Research/CHE 495 On-Campus Guided Research/CHE 396 Off-Campus Research/CHE 496 Off-Campus Research

Major

- Biochemistry and Molecular Biology Major (https://catalog.washcoll.edu/catalog/interdisciplinary/biochemistry-molecular-biology-major/)
- Chemistry ACS-certified Major (p. 64)
- Chemistry Non-ACS certified Major (p. 67)

Minor

- Chemistry Minor (p. 70)

Certificate

- Secondary Education Certification Program (p. 94)

Chemistry Minor

Department of Chemistry (p. 58)
Division of Natural Sciences and Mathematics

For students interested in enhancing their competence outside of their own major's expertise, the Chemistry Department offers a Chemistry minor. This minor complements not only other STEM disciplines but it also broadens employment opportunities for our students, especially those interested in healthcare and industry.

Requirements for the Chemistry Minor

Students intending to minor in Chemistry should meet with the Department Chair early in their career to ensure that they are able to complete the following courses and to get their minor declaration card signed. Six courses are required for the minor. Only four courses can be counted toward the required six courses for the Chemistry Minor and the requirements for other major(s).

Code	Title	Credits	Notes
CHE 120	Chem Principles Org Molecules with Lab	4	_____
CHE 140	Reactions of Organic Molecules with Lab	4	_____
CHE 220	Quantitative Chemical Analysis with Lab	4	_____
CHE 200, 300, 400 level		4	_____
CHE 200, 300, 400 level		4	_____
CHE 200, 300, 400 level		4	_____
Total Credits		**24**	_____

Major

- Biochemistry and Molecular Biology Major (https://catalog.washcoll.edu/catalog/interdisciplinary/biochemistry-molecular-biology-major/)
- Chemistry ACS-certified Major (p. 64)
- Chemistry Non-ACS certified Major (p. 67)

Minor

- Chemistry Minor (p. 70)

Certificate

- Secondary Education Certification Program (p. 94)

Economics

Division of Social Sciences

At its heart, economics is a social science that seeks to explain human behavior. Far from being limited to questions of the demand and supply for goods and services, economics seeks to answer questions spanning a wide range of issues. These include poverty, discrimination, crime, pollution, education, international trade, taxation, natural resource management, and many other areas. Unlike the study of business management which focuses on improvements for a single firm or industry, economics takes a societal view that examines the impact of decisions or policies on individuals, households, businesses, taxpayers, the environment, and the country or the world as a whole.

In order to examine the impacts of policies from a societal view, economic analysis relies on a highly quantitative analytical method that requires knowledge of microeconomic and macroeconomic theory, mathematical modeling, statistics, and logic. Graduates who have mastered the "economic way of thinking" are prepared to move on into successful careers. Our majors have gone on to careers in law, business, finance, foreign service, government, consulting, education, and research. For those wishing to pursue graduate school, Economics majors tend to score very well on entrance exams. Nationwide, Economics graduates tend to score better than majors from business management, political science, international studies, psychology and virtually every other field of study on the Graduate Record Examination (GRE), Law School Admission Test (LSAT), and the Graduate Management Admission Test (GMAT). Many of our majors have successfully completed graduate school in these areas.

Social Science Distribution Requirements

Students who wish to full the Social Science distribution requirement with one course from Economics can choose from ECN 111 Principles of Macroeconomics, ECN 112 Principles of Microeconomics, or ENV 117 Intro Env & Natural Resource Economics. For the two-course pathway with Economics courses, students may take ECN 111 Principles of Macroeconomics or ECN 112 Principles of Microeconomics and any other economics course at the 200-level or above with the exception of ECN 215 Data Analysis I.

Internships through the Washington Center

Students who major or minor in Economics have the opportunity to undertake an internship in Washington, D.C. through the Washington Center (https://twc.edu/). During this semester-long or summer program, students may attend hearings, conduct policy research, draft correspondence, monitor legislation, lobby members of Congress, or write analytical reports depending upon their placement. In addition, students attend an evening seminar selected from a variety of topics offered during the semester. Finally, students participate in lectures, site visits, small group discussions, briefings, and other required events designed to help them understand the connection between their academic and professional goals and the special educational opportunities available through living and working in Washington, D.C. Students earn 16 credits for this internship during the semester (eight toward upper-level Economics electives and eight toward general electives). If students undertake an internship during the ten-week summer program, they earn eight credits (four toward an upper-level Economics elective and four toward a general elective).

- Economics Major (p. 74)
- Economics Minor (p. 76)

Adalbert Mayer, Co-Chair
Brian Scott, Co-Chair
Anjali Chandra
Rocio Suarez

ECN SCE Senior Capstone Experience 2-4 Credits
The Economics SCE can be a senior thesis or comprehensive exams. For the thesis, students are required to begin their research and submit a proposal three semesters in advance of graduation. For many students this is in the Spring Semester of their junior year. Students who choose to take the comprehensive exams must pass the microeconomics, macroeconomics, and field exams during their last semester.
Term(s) Offered: All Terms, All Years

ECN 111 Principles of Macroeconomics 4 Credits
An introduction to principles of economic analysis, economic institutions, and issues of economic policy. The course examines factors determining national income, price, and employment levels as well as the international position in the U.S. economy.
Term(s) Offered: All Terms, All Years

ECN 112 Principles of Microeconomics 4 Credits
An introduction to the principles of economic analysis, economic institutions, and issues of economic policy. Principle topics covered include commodity and factor price determination under various market structures, and resource allocation and income distribution through a pricing system.
Term(s) Offered: All Terms, All Years

ECN 190 Economics Internship 1-4 Credits
Term(s) Offered: All Terms, All Years

ECN 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: Other, Non Conforming

ECN 211 Intermediate Macroeconomics 4 Credits
The course reviews the measurement of national income and examines modern and classical theories explaining the determination of national income, employment, price, and growth levels. The role of public policy in influencing the economy is examined.
Requisites: Pre-req: ECN 111
Term(s) Offered: Fall, All Years

ECN 212 Intermediate Microeconomics 4 Credits
The course examines modern and classical theories of demand and supply, and analyzes market equilibrium, general equilibrium, and criteria for welfare maximization.
Requisites: Pre-req: ECN 112
Term(s) Offered: Spring, All Years

ECN 215 Data Analysis I 4 Credits
This course offers an introduction to research design, applied statistical methods, and writing in the discipline. Students study questionnaire design, sample selection, descriptive statistics, and hypothesis testing using a statistical software package, Stata. They also work in groups to design their own online survey and analyze the results. Finally, they learn about communicating and writing their results for both lay audiences and academic journals. Students are encouraged, though not required, to take MAT 109 or BUS 109 prior to taking ECN 215.
Term(s) Offered: Spring, All Years

ECN 290 Economics Internship 1-4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ECN 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: Other, Non Conforming

ECN 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student. The topics covered through independent study vary as dictated by student and faculty interest. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ECN 305 Economic Development 4 Credits
The objective of this course is to introduce students to issues related to developing countries. The topics covered include the measurement of development, poverty, inequality, population growth issues, the role of markets and government, trade theories, and the role of institutions. By the end of the course, students should be familiar with the causes of poverty and poverty alleviation strategies. They will also have a better understanding of the history of development theories and the role of the market and the government in the most current development theories. Finally, students will be able to identify the characteristics of developing countries and the various paths that developing countries have taken in their struggle to alleviate poverty.
Requisites: Pre-req: ECN 111 or ECN 112
Term(s) Offered: Fall, All Years

ECN 307 Labor Economics 4 Credits
This course combines theoretical modeling and basic empirical analysis to study the market for labor. We use models of labor supply and labor demand in different market settings to examine differences in earnings, labor-force participation, and unemployment. We study the effects of education, technological change, information, immigration, and government policies on earnings and employment.
Requisites: Pre-req: ECN 112 and ECN 215, BUS 109, or MAT 109
Term(s) Offered: Other, Non Conforming

ECN 312 Public Finance 4 Credits
An examination of the role of government in a competitive market economy and the effects of tax and expenditure policies at the federal, state, and local levels on the efficient allocation of resources and the distribution of income and wealth. The effects of both market failures and government failures are examined.
Requisites: Pre-req: ECN 111 or ECN 112
Term(s) Offered: Fall, All Years

ECN 314 Money and Banking 4 Credits
An examination of banking institutions, techniques of money management, theories of the demand for money, and the influence of money on economic activity.
Requisites: Pre-req: ECN 111 or ECN 112
Term(s) Offered: Other, Non Conforming

ECN 317 Environmental Economics 4 Credits
This course is a survey of the application of economic analysis to environmental problems. Analysis will focus on: policy options available to lawmakers and citizens, methods for assigning value to the environment, and air and water pollution and the laws meant to control these problems.
Requisites: Pre-req: ECN 112 or ENV 117
Cross-listed as: ECN 317/ENV 317
Term(s) Offered: Fall, Odd Years

ECN 318 Natural Resource Economics 4 Credits
This course surveys the economic theory behind, and the management of, renewable and non-renewable resources including fisheries, minerals, timber, water, and biodiversity. Analysis of management options is at the local, regional, and national levels. Analysis includes trade-offs of policies and the effect of property rights on resource use.
Requisites: Pre-req: ECN 112 or ECN 117
Cross-listed as: ECN 318/ENV 318
Term(s) Offered: Other, Even Years

ECN 320 Econometrics 4 Credits
This course introduces the statistical tools that economists use to test and quantify their theories. Regression analysis is used to evaluate relationships between economic variables. The results are interpreted with the help of concepts like causality and significance.
Requisites: Pre-req: ECN 111 or ECN 112 and ECN 215, MAT 109 or BUS 109
Term(s) Offered: Spring, All Years

ECN 327 Washington Center Internship 12 Credits
A full-time, semester-long internship in Washington, DC, with a federal agency, non-profit organization, or private firm. Depending upon interest and internship placement, students may attend hearings, conduct policy research, draft correspondence, monitor legislation, lobby members of Congress, or write analytical reports. Students will create an in-depth portfolio of their internship experience. 12 credits. This course is normally open to only juniors and seniors.
Term(s) Offered: All Terms, All Years

ECN 328 Washington Center Seminar 3 Credits
Washington Center Interns participate in evening seminar selected from a variety of topics offered during the semester. Students engage in class discussion and may also research seminar topics, prepare written assignments, and take examinations. Required of and limited to students enrolled in ECN 327. Three credits.
Term(s) Offered: All Terms, All Years

ECN 329 Washington Center Forum 1 Credit
Washington Center Interns participate in lectures, site visits, small group discussions, briefings, and other required events designed to help them understand the connection between their academic and professional goals and the special educational opportunities available through living and working in Washington, DC. Evaluations of these experiences are included in the student portfolio. Required of and limited to students enrolled in ECN 327. One credit.
Term(s) Offered: All Terms, All Years

ECN 351 Behavioral Economics 4 Credits
This course provides a survey of topics in microeconomics through the lens of experimental and behavioral economics. While learning about important economic phenomena (such as the effects of incentives, institutions, and behavior on economic outcomes) students discover experimental evidence that suggests several violations of the standard model of rational decision making. They then explore some newer models that have evolved to account for these violations. Topics include decision making under certainty and uncertainty, risk and time preferences, fairness and reciprocity, charitable giving, reference dependence, bounded rationality, and neuroeconomics, among others.
Term(s) Offered: Other, Non Conforming

ECN 361 Information Economics 4 Credits
In this class, we examine the importance of information for decision making and economic interaction. We discuss the institutional arrangements and policies that have arisen as a response to missing and imperfect information. We use tools from game theory, contract theory, and decision sciences to formalize our analysis; and explore their applicability through in-class experiments. Examples include: pre-existing medical conditions and health insurance; imperfect information about product quality and arrangements like warranties and reputation building; unobservable effort by workers and various incentive schemes like franchising and profit sharing; and applications to corporate finance and financial markets
Requisites: Pre-req: ECN 112
Term(s) Offered: Other, Non Conforming

ECN 390 Economics Internship 1-4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ECN 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: Other, Non Conforming

ECN 410 International Trade 4 Credits
The principles that govern world trade and investment and the factors that determine the direction of international trade is discussed. The gains from trade, the basis for trade, and the arguments for and against protection will be examined. The effects of various policies that obstruct the free flow of trade will be analyzed. The influence of international trade on economic development is studied within the contexts of both developed and developing economies. In addition, the regional and international organizations that are designed to influence or promote the orderly functioning of the international trading system are be described.
Requisites: Pre-req: ECN 111 and ECN 112
Term(s) Offered: Fall, All Years

ECN 411 International Finance 4 Credits
The course examines foreign exchange markets, the concept of the balance of payments, and exchange rate determination. The cases for fixed and flexible exchange rates are presented. The various mechanisms for achieving domestic and international equilibrium and stability, in terms of employment, prices, and growth, are discussed. The evolution of the international monetary system and current international economic problems are analyzed.
Requisites: Pre-req: ECN 111 and ECN 112
Term(s) Offered: Spring, All Years

ECN 490 Economics Internship 1-4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ECN 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: Other, Non Conforming

ECN 497 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student. The topics covered through independent study vary as dictated by student and faculty interest. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Economics Major

Department of Economics (p. 71)
Division of Social Sciences

At its heart, economics is a social science that seeks to explain human behavior. Far from being limited to questions of the demand and supply for goods and services, economics seeks to answer questions spanning a wide range of issues. These include poverty, discrimination, crime, pollution, education,international trade, taxation, natural resource management, and many other areas. Unlike the study of business management which focuses on improvements for a single firm or industry, economics takes a societal view that examines the impact of decisions or policies on individuals, households, businesses,taxpayers, the environment, and the country or the world as a whole.

In order to examine the impacts of policies from a societal view, economic analysis relies on a highly quantitative analytical method that requires knowledge of microeconomic and macroeconomic theory,mathematical modeling, statistics, and logic. Graduates who have mastered the “economic way of thinking” are prepared to move on into successful careers. Our majors have gone on to careers in law,business, finance, foreign service, government, consulting, education, and research. For those wishing to pursue graduate school, Economics majors tend to score very well on entrance exams. Nationwide,Economics graduates tend to score better than majors from business management, political science,international studies, psychology and virtually every other field of study on the Graduate Record Examination (GRE), Law School Admission Test (LSAT), and the Graduate Management Admission Test(GMAT). Many of our majors have successfully completed graduate school in these areas.

Economics Major Requirements

Code	Title	Credits	Notes
Required Courses		**20**	_____
ECN 111	Principles of Macroeconomics		_____
ECN 112	Principles of Microeconomics		_____
ECN 211	Intermediate Macroeconomics		_____
ECN 212	Intermediate Microeconomics		_____
ECN 215	Data Analysis I		_____
5 Additional Courses 300 or 400 Level		**20**	_____
Elective 1			_____
Elective 2			_____
Elective 3			_____
Elective 4			_____
Elective 5			_____
Senior Capstone Experience (ECN SCE)		**2-4**	_____
Total Credits		**42-44**	_____

Students fulfill the college's Writing in the Major requirement (W3) by taking ECN 215 Data Analysis I. Majors must also complete the Senior Capstone Experience, which is fulfilled by writing a thesis or passing comprehensive exams.

In addition, the department encourages activities outside the classroom by helping interested individuals find suitable projects and programs, including independent studies, study abroad, and internships. In some cases, upper-level academic credit may be earned.

First Year

Fall	Credits	Spring	Credits
ECN 112	4	ECN 111	4
HPS/CHN/FRS/GRS 101, CHN 201, HPS 201, FRS 201, or GRS 201	4	HPS/CHN/FRS/GRS 102, 202, CHN 202, FRS 202, or GRS 202	4
FYS 101	4	General Education Elective	4
General Education Elective	4	Elective Course	4
	16		**16**

Second Year

Fall	Credits	Spring	Credits
ECN 211	4	ECN 212	4
ECN 200-, 300-, 400- level	4	ECN 215	4
General Education Course	4	General Education Course	4
General Education Course	4	Elective Course	4
	16		**16**

Third Year

Fall	Credits	Spring	Credits
ECN 200-, 300-, 400- level	8	ECN 200-, 300-, 400- level	4
General Education Course	4	ECN 200-, 300-, 400- level	4
General Education Course	4	Elective Course	4
		Elective Course	4
	16		**16**

Fourth Year

Fall	Credits	Spring	Credits
ECN 200-, 300-, 400- level	4	ECN SCE	4
Elective Course	4	Elective Course	4
Elective Course	4	Elective Course	4
Elective Course	4	Elective Course	4
	16		**16**

Total Credits 128

Major

- Data Science Major (p. 142)
- Environmental Studies Major (BA) (p. 119)

Major

- Business Management Major (p. 50)
- International Studies Major (https://catalog.washcoll.edu/catalog/interdisciplinary/international-studies-major/)

Minor

- Economics Minor (p. 76)
- International Economics Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/international-economics-minor/#text)

Economics Minor

Department of Economics (p. 71)
Division of Social Science

Students who wish to minor in Economics must complete ECN 111 Principles of Macroeconomics, ECN 112 Principles of Microeconomics and four economics courses at the 200-level or above.

Economics Minor Requirements

Code	Title	Credits	Notes
ECN 111	Principles of Macroeconomics	4	_____
ECN 112	Principles of Microeconomics	4	_____
4 Additional Courses 200, 300, 400 level		16	_____
Elective 1			_____
Elective 2			_____
Elective 3			_____
Elective 4			_____
Total Credits		**24**	**_____**

Major

- Business Management Major (p. 50)
- Economics Major (p. 74)
- International Studies Major (https://catalog.washcoll.edu/catalog/interdisciplinary/international-studies-major/)

Minor

- Data Analytics Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/data-analytics-minor/)
- Environmental Studies Minor (p. 122)
- International Economics Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/international-economics-minor/)

Education

Division of Social Sciences

The Education Department is characterized by a highly nurturing and personalized environment, intellectual rigor, and a performance milieu within a liberal arts context. Education is not a subject major; the Department offers an interdisciplinary major in Human Development, a minor in Education Studies, and a minor in Museum, Field, and Community Education in addition to two teacher certification programs. As the department is a member of the Social Sciences Division, the foundational sequence courses (EDU 251 Principles of Education and EDU 252 Educational Psychology) can fulfill distribution requirements in the social sciences.

Department Mission

Together, faculty and students in the Department of Education engage in interdisciplinary inquiry of the processes and institutions by which societies enculturate, socialize, and educate their youth, an inquiry that is grounded in the liberal arts and enables students to become citizen leaders and lifelong learners.

Learning Goals (Our students will be able to…)

1. Demonstrate an understanding of social, cultural, psychological, philosophical, and historical foundations of education (and their applications to practice)
2. Integrate and apply knowledge of human development across the fields of anthropology, education, psychology, and sociology
3. Use content knowledge to design, evaluate, and interpret field experiences

4. Communicate effectively in a variety of formats and media
5. Display global consciousness and cultural sensitivity as emerging leaders

The Education Department offers teacher certification programs in Elementary and Secondary Education. Program requirements are in alignment with the Maryland Redesign of Teacher Education and standards of assessment are based on the InTASC Model Core Teaching Standards. The Department has established eleven school partnerships in two local counties; this facilitates the implementation of state requirements that each teacher candidate completes an extended internship in a partner school in two consecutive semesters, including the student teaching experience. The Maryland State Department of Education (MSDE) has reciprocal certification agreements with 47 other states.

Entry Requirements for Teacher Certification Programs

- cumulative GPA of 3.0 (and GPA of 3.0 in the teaching field for secondary certification);
- recommendation from a professor in the student's major field of study (secondary only);
- a Maryland passing score on one of the following exams: Praxis Core (reading, writing and math), SAT-composite score (math and reading), ACT-composite score, or GRE-composite score
- approval of the Education Department following a formal interview with the Chair and departmental colleagues. The following are some of the personal and professional attributes that are considered for approval: maturity, oral and written communication skills, professional attitude, flexibility, initiative, collaboration, and overall potential to be successful in a teaching internship. (Please note: An interview for the Elementary Education Program will only be granted to students who meet all entry requirements.)

Applicants for the Teacher Certification Programs should realize that Education Department faculty may use all prior interactions, within the Department and in clinical field experiences, as input for program entry.

Admission to the elementary and secondary programs generally occurs during the fall semester of the junior year. Where possible, the Department will make accommodations for 'late deciders.' The Maryland State Department of Education requires a grade of "C" or better in all courses applied toward certification.

It should be noted that Washington College Teacher Certification Program requirements may be modified because of evolving state requirements for approved programs in teacher education.

Program Completion

Students will be recommended for Maryland Approved Program teacher certification when they

1. earn an academic degree with a cumulative GPA of 3.0 (and a GPA of 3.0 in their major for secondary certification);
2. complete the Washington College Teacher Certification Program;
3. complete national examinations according to Maryland standards,
4. complete an exit interview with the program Certification Administrator; and
5. earn a grade of "B-" or better in EDU 405 Secondary Teaching Internship orEDU 413 Elementary Teaching Internship and EDU 414 Elementary Teaching Internship.

Elementary Education

The Elementary Certification Program (grades 1-6) is made up of three required components:

1. completion of selected core courses in Humanities, Social Sciences, and Mathematics-Natural Sciences;
2. an academic major, usually in Human Development; and
3. a required sequence of Education courses and field experiences.

Consultation with the Coordinator of Elementary Education should be held during the first semester of the freshman year to insure proper scheduling and selection of courses.

The required education courses for students who wish to become certified as elementary teachers are listed under the Human Development major.

Double-counting considerations

BIO: Students majoring or minoring in Biology may only double count two courses for the BIO major / minor and the MFCE minor, specifically BIO 111 General Biology I with Lab and 1 upper-level BIO course.

CHE: The Department of Chemistry recommends CHE 120 Chem Principles Org Molecules with Lab and one additional course from CHE 220 Quantitative Chemical Analysis with Lab or CHE 235 Art in the Anthropocene/ART 235 Art in the Anthropocene.

ENV: Students majoring in Environmental Science or Environmental Studies may only double count two courses for the major and the MFCE minor, specifically ENV 101 Intro to Environmental Studies with Lab/ENV 102 Intro to Environmental Studies Lab (course plus lab) and one upper-level ENV course.

HDV: Students majoring in Human Development may only double count two courses for the major and the MFCE minor, specifically EDU 252 Educational Psychology and EDU 341 Designing&Measuring Learning Experience. HDV majors will be required to complete the 8 content course credits in a listed area of study; these content courses may not double count with the HDV major.

SED: Students in the Education Studies Minor may only double count two courses, EDU 252 Educational Psychology and EDU 307 Literacy in the Content Area, for the Education Studies minor and the Museum, Field, and Community Education minor.

Wellness and Personal Development (WPD)

The Wellness and Personal Development (WPD) program offers an opportunity within the curriculum for experience-based teaching and learning of health, wellness, and personal growth intended to support flourishing lives and communities. WPD courses are designed to develop capacities, knowledge, and lifelong skills in health, wellness, and personal development. Students can explore health and wellness through a variety of classes grounded in the research and scientific bases of exercise, wellness, and holistic personal growth.

Most WPD courses are one- or two-credit and are a half-semester in length. A maximum of 8 WPD credits may be applied toward elective credits for graduation. There is no limit on how many WPD courses may be taken, or how many credits may be earned. Courses may be taken for letter grades or pass/fail.

Courses are designated as either all Theory all Practice, or a combination of Theory and Practice. Any course listed as Theory or Theory & Practice counts toward the theory requirement for students wishing to earn more than four WPD credits.

- Education Major (with Teaching Certification) (p. 85)
- Education Major (without Teacher Certification) (p. 87)
- Education Studies Minor (p. 92)
- Secondary Education Certification Program (p. 94)

Bridget Bunten, Elementary Coordinator
Sara Clarke-De Reza, Chair
Erin Counihan, Secondary Coordinator
Sarah Feyerherm, Program Director, WPD
L. Michelle Johnson

EDU SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience for Human Development majors seeking teacher certification includes the preparation and public presentation of a professional teaching portfolio, including an independent action research project. Human Development majors selecting the non-certification route complete and present an interdisciplinary, independent research study based on field work, which is generally in the form of a thesis.
Requisites: Pre-req: EDU 305
Term(s) Offered: All Terms, All Years

EDU 115 Environmental Ed Clinical Field Exp 1 Credit
This one-credit fieldwork course consists of a minimum of 20 hours of off-campus supervised experiences with organizations that emphasize the overlap between the environment and education. Students observe, reflect upon, and participate in outreach and education duties at a local park, nature center, outdoor school, or other environmental agency.
Cross-listed as: ENV 115/EDU 115
Term(s) Offered: Fall, All Years

EDU 117 Museum, Field, Comm Ed Experience 1 Credit
This course is designed to introduce the tenets of museum education, to expose students to careers and experiences in museum education, to highlight the importance of outreach, engagement, and equity, and to encourage students to actively and meaningfully reflect on their experiences. Students connect with professionals in the field and learn what it means to be an informal educator, focusing on the four common elements of educating: the educator, the audience, the content, and the context.
Requisites: Pre or co-req: EDU 252 or EDU 341
Term(s) Offered: All Terms, All Years

EDU 121 Coaching Field Experience 1 Credit
This one-credit fieldwork course consists of a minimum of 20 hours of off-campus supervised experiences in a school or educational facility with a professional in the field of coaching or physical education. Students will observe, reflect upon, and participate in activities within a physical education classroom or coaching space.
Term(s) Offered: All Terms, All Years

EDU 190 Education Internship 4 Credits
A two or three credit experience with area educational partners to develop skills related to future professional work in education. 45 hours required per credit.
Term(s) Offered: Other, Non Conforming

EDU 194 Special Topics 1 Credit
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

EDU 211 Clinical Field Experiences I 1 Credit
This 1-credit course consists of off-campus supervised field experiences in a placement related to student personal and professional goals for careers in education. For teacher candidates, these take place in a partner school classroom. Associated coursework focuses on understanding the learning environment and includes observations of teachers, students, subject matter, and context.
Term(s) Offered: All Terms, All Years

EDU 212 Clinical Field Experiences II 1 Credit
This 1-credit course consists of off-campus supervised field experiences in a placement related to student personal and professional goals for careers in education. For teacher candidates, these take place in a partner school classroom. Associated coursework focuses on observing and reflecting on individual learners, learner development, and learning differences.
Term(s) Offered: All Terms, All Years

EDU 213 Clinical Field Experiences-Elementary 1 Credit
This four-part course consists of off-campus supervised field experiences, including experience with special education students. For teacher candidates, these take place in a partner school classroom. (1 credit each)
Term(s) Offered: All Terms, All Years

EDU 214 Clinical Field Experiences-Elementary 1 Credit
This four-part course consists of off-campus supervised field experiences, including experience with special education students. For teacher candidates, these take place in a partner school classroom. (1 credit each)
Term(s) Offered: Spring, All Years

EDU 215 Clinical Field Experience-Alternative 2 Credits
This course is designed for Human Development majors and students in Education Certification programs who participate in the international teaching experience. Students are responsible for planning, implementing, and assessing lessons as well as participating in the school community.
Term(s) Offered: Other, Non Conforming

EDU 216 Clinical Field Experience - Secundary 1 Credit
This two-part course consists of off-campus supervised field experiences, including experiences with special needs students. For teacher candidates, these take place in a partner school classroom. (1 credit each)
Term(s) Offered: All Terms, All Years

EDU 217 Clinical Field Experience - Secundary 1 Credit
This two-part course consists of off-campus supervised field experiences, including experiences with special needs students. For teacher candidates, these take place in a partner school classroom. (1 credit each)
Requisites: Pre-req: EDU 216
Term(s) Offered: All Terms, All Years

EDU 218 Clinical Field Exper - Human Development 1 Credit
This two-part course consists of off-campus supervised field experiences. Field work opportunities may also include alternative experiences studying related educational personnel. (1 credit each)
Term(s) Offered: All Terms, All Years

EDU 219 Clinical Field Exper - Human Development 1 Credit
This two-part course consists of off-campus supervised field experiences. Field work opportunities may also include alternative experiences studying related educational personnel. (1 credit each)
Term(s) Offered: All Terms, All Years

EDU 251 Principles of Education 4 Credits
A general summary of the field of education. The historical, philosophical, and sociological foundations of education will be surveyed; contemporary education in the United States will be examined.
Term(s) Offered: All Terms, All Years

EDU 252 Educational Psychology 4 Credits
A general summary of theories of education psychology. Aspects of evaluation, individual differences, and psychological adjustments that are relevant to education and applicable to classroom practices will be examined.
Term(s) Offered: Spring, All Years

EDU 290 Education For-Credit Internship 2-3 Credits
A two or three credit experience with area educational partners to develop skills related to future professional work in education. 45 hours required per credit.
Term(s) Offered: All Terms, All Years

EDU 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

EDU 297 Independent Study 4 Credits
An Agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

EDU 302 Qual& Descrptve Mthds in Social Sciences 4 Credits
This course provides an overview of qualitative and descriptive research methodologies shared across various fields in the social sciences. You will explore the epistemological underpinnings of qualitative and descriptive research, develop an understanding of researcher positionality, learn about ethics as they relate to research with human subjects, and deepen your critical and close reading skills as they apply to understanding methodological decision making in the social sciences. This class will develop your abilities to read academic literature across the social sciences and across methodologies, write a literature review, conduct participant observations, surveys, and interviews, complete qualitative and descriptive data analysis, and write and present a research study. Student researchers will finish the class with the ability to employ a range of theories and methods including: survey development, ethnography, grounded theory, phenomenology, case study, narrative inquiry, content and discourse analysis, social media research, and archival research.
Requisites: Pre or co-req: EDU*251 and EDU*252
Cross-listed as: CMS 302 / EDU 302
Term(s) Offered: Spring, All Years

EDU 303 Comparative Education 4 Credits
A study of the educational systems of various nations. Social, political, and economic influences upon educational practice and theory are considered. Students are introduced to the origins and development of the field of comparative and international education and explore how both scholars and educational policymakers have engaged some of the debates that characterize research in education around the world.
Term(s) Offered: Other, Non Conforming

EDU 305 Qualitative Inquiry in Education 4 Credits
This course offers an overview of qualitative research methods and an introduction to action research within the field of education. Course participants are asked to develop their epistemological framing of a research project, cultivate an understanding of researcher positionality and ethics, and further their engagement in critical inquiry through a qualitative lens. The class developes students' abilities to conduct participant observations and interviews; write a literature review; carry out qualitative data analyses; and write and present from a research study.
Requisites: Pre or co-req: EDU 251 and EDU 252
Term(s) Offered: Spring, All Years

EDU 307 Literacy in the Content Area 4 Credits
Literacy in the Content Area is designed to prepare pre-service educators to develop in diverse students the literacy skills and concepts necessary for learning across content areas. Discussions of best-practice research and theory are intended to provide future educators with the knowledge, skills, and dispositions to identify learners' literacy needs and teach to a variety of needs. This is an MSDE-approved literacy course and meets Maryland Literacy I and II Secondary Requirements (together with EDU 401 & EDU 404).
Requisites: Pre or co-req: EDU 251 and EDU 252
Term(s) Offered: Spring, All Years

EDU 311 Human Geography 4 Credits
The course examines the relationships between the physical environment, population, and culture in the evolution of global regions.
Term(s) Offered: Spring, Even Years

EDU 315 Traditional & Modern Grammar 4 Credits
This course examines the traditional grammar structures (including words and the elements of sentences) that have been the foundation of clear communication in English, giving students a common language to discuss the ethics of the idea of Standard English. Students explore the ever-changing language of English, what it takes to change accepted usage, and the linguistic controversies of today's America. This course fulfills the MSDE Grammar requirement for secondary English interns.
Term(s) Offered: Spring, Odd Years

EDU 318 Cultural and Linguistic Diversity in Ed 4 Credits
This course is an examination of contemporary cultural and linguistic diversity within the United States educational environments. Special attention is given to cultural problems and issues that influence opportunities and performance in educational institutions. The basic premise of the course is that teachers play an important role in creating a positive classroom learning environment and bringing school success, especially for English language learners. Students develop understandings of the impact of culture, cultural diversity, immigration, migration, colonialism, and power on language policy and on students currently learning English as a second language.
Cross-listed as: EDU 318/ILC 318
Term(s) Offered: Fall, Odd Years

EDU 330 Diversity & Inclusion 4 Credits
Students learn : a) to understand the nature and range of special needs among pupils in today's public schools; b) to differentiate instruction to meet the special needs of students in our multicultural society; c) to interpret and implement an Individualized Educational Program; and d) to use a range of support services available to students and teachers.
Requisites: Pre or co-req: EDU 251 and EDU 252
Term(s) Offered: Fall, All Years

EDU 341 Designing&Measuring Learning Experience 4 Credits
This course prepares educators in schools, museums, and other learning contexts to make decisions about how to best design learning experiences for different student audiences and how to evaluate the success of those designs. We will discuss learning priorities, teaching objectives, curriculum scope and sequence, and planning and organization. As individuals, small groups, and in collaboration with the community, we will design and implement a diverse array of learning experiences including individual classroom lessons, semester-long units, one-day special events and field trip opportunities, and museum exhibits and other public teaching displays. We will also figure out the how to understand whether all that planning has worked to achieve learning goals by exploring best practices in assessment and evaluation. Emphasis will be placed on the process of curriculum and program development and assessment, rather than on the implementation and measurement of given curriculum.
Term(s) Offered: Spring, All Years

EDU 351 Processes & Acquisition of Reading 4 Credits
An investigation of research explaining the relationship between language acquisition and reading development, the interactive nature of the reading process, and the interrelationship of reading and writing. Topics include assessing the stages of literacy development from emergent literacy through fluency in the language arts processes of speaking, listening, reading, and writing and applying corresponding instructional strategies. This is a Maryland-approved reading course.
Requisites: Pre or co-req: EDU 251 and EDU 252
Term(s) Offered: Fall, All Years

EDU 352 Reading Instruction and Assessment 4 Credits
Students demonstrate mastery of instructional strategies used to make educational decisions in a balanced literacy program including developmentally appropriate word recognition and comprehension strategies. Students evaluate, use, and interpret a variety of assessment techniques and processes, local, state, and national instruments. The co-requisite clinical field experience requires the student to plan, implement, and evaluate developmentally appropriate reading and language arts instruction and evaluation in a partner school classroom. This is a MSDE-approved reading course. Prerequisites: EDU 351 and passing score of Praxis Core.
Requisites: Pre or co-req: EDU 351
Term(s) Offered: Spring, All Years

EDU 354 Children's & Young Adult Literature 4 Credits
This course involves the reading and study of literary texts by notable authors, with children and young adults as the major audience. Students explore literary elements, evaluation criteria, fiction, non-fiction, poetry, literature response in print media and the arts, classics, and contemporary works. This course provides opportunities to examine various forms of communication and interpretation, implementation of technology, and divergent thinking in order to assist those interested in children's and young adult literature to become more reflective and effective communicators. This is an MSDE-approved reading course.
Cross-listed as: ENG 342/EDU 354
Term(s) Offered: Spring, All Years

EDU 374 Museum, Field & Comm. EDU Internship 2 Credits
This course is designed as a culminating experience for the Museum, Field, and Community Education Minor. Students work with a professional in the field, at a local community institution for informal education, or at a Washington College Center for Excellence, to synthesize their content knowledge and skills and apply them beyond the classroom, creating educational materials that can be used by the community partner in the future. While the course is governed by a standard set of objectives and themes, readings and assignments are individualized based on students' majors and areas of professional interest and the needs and goals at their placement site. Students attend their placement for a minimum of 30 hours over the course of the semester; some visits must include working with learners and/or educational materials. Students may also complete outreach/education tasks with supervision.
Requisites: Pre or co-req: EDU 252 and EDU 341
Term(s) Offered: All Terms, All Years

EDU 376 Coaching Internship 2 Credits
The two-credit internship is designed as a culminating experience for students in the proposed Coaching Minor. Students will be placed with a local partner in physical education, coaching, or other wellness instruction based on their area of experience and interest, including but not limited to public or private school teams and physical education classrooms, youth sports organizations, yoga / Pilates / dance instructors, college athletics, or related athletics orwellness professionals. Working with a professional in the field, students will synthesize their knowledge and skills and apply them beyond the classroom, taking on instructional roles with individuals and groups to create a program of study or a series of skills-based activities. Students are to spend a minimum of 40 hours over the course of the semester working with the community partner; there are no regular in-class meetings, but students will communicate regularly with the course instructor.
Requisites: Pre or co-req: EDU 252
Term(s) Offered: All Terms, All Years

EDU 390 Education Internship 4 Credits
A two or three credit experience with area educational partners to develop skills related to future professional work in education. 45 hours required per credit.
Term(s) Offered: All Terms, All Years

EDU 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

EDU 395 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

EDU 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

EDU 397 Independent Study 4 Credits
An Agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

EDU 401 Principles of Teaching I: Secondary 4 Credits
An exploration of the art and science of teaching and a study of curriculum. Course content, teaching methods, planning, instructional technology, as well as observation and performance of varied teaching techniques are combined to prepare prospective teachers for their student teaching. EDU 401 and EDU 404 in combination comprise an MSDE-approved reading course.
Requisites: Coreq: EDU 405
Term(s) Offered: Fall, All Years

EDU 403 Special Methods in the Teaching Field 4 Credits
A course concentrating upon the specific teaching field of the student. Examines objectives and the nature and place of the academic discipline in secondary school, with emphasis placed on methods and materials for teaching that discipline in light of the changing demands of 21st century education.
Requisites: Pre or co-req: EDU 405
Term(s) Offered: Fall, All Years

EDU 404 Secondary Teaching Internship 2 Credits
The first of a two-semester internship, EDU 404 requires the teacher candidate to begin to show proficiency in a partner school classroom. Teacher candidates also participate in evening seminars that supplement their partner school classroom experiences. Two credits.
Requisites: Pre or co-req: EDU 251 and EDU 252
Term(s) Offered: Spring, All Years

EDU 405 Secondary Teaching Internship 8 Credits
The second of a two-semester internship, EDU 405 represents the culmination of the professional development of the teacher candidate. The teacher candidate is required to demonstrate increasing responsibility for planning, assessing, and evaluating instructional effectiveness in a partner school classroom. Teacher candidates also participate in weekly seminars held on campus. 8 credits. Laboratory fee.
Requisites: Pre or co-req: EDU 404
Term(s) Offered: Fall, All Years
Fees: $200 Student Teaching Fee

EDU 406 Seminar in Peer Tutoring 4 Credits
This seminar explores current research and theory on the writing process and prepares students for potential work as Peer Consultants in the college Writing Center. Over the semester, students develop rhetorical knowledge and critical strategies for working with other writers and their texts. To be considered for the seminar, students must submit faculty recommendations and a writing sample and complete an interview with the Director of the Writing Center. Students from all disciplines may apply.
Term(s) Offered: Spring, All Years

EDU 411 Curriculum & Instruction: Math & Sci 4 Credits
This course examines the mathematics and science concepts, curriculum, methods and materials used for effective instruction in mathematics and science in the elementary school. The focus is on the development of strategies for active learning that help children construct a meaningful understanding of mathematics and science.
Requisites: Pre or co-req: EDU 351 and EDU 352 . EDU 413
Term(s) Offered: Fall, All Years

EDU 412 Curr &instr: Language Arts & Soc Studies 4 Credits
Teachers of social studies should possess the knowledge, capabilities and dispositions to organize and provide instruction at the appropriate school level for the study of the ten social studies content themes as identified by the National Council for the Social Studies. This course provides the teacher candidate with some of the organizational tools and instructional strategies needed to conduct classroom instruction in social studies and in the language arts, primarily writing.
Requisites: Pre or co-req: EDU 351 and EDU 352 . EDU 413
Term(s) Offered: Fall, All Years

EDU 413 Elementary Teaching Internship 4 Credits
The first of a two-semester internship, EDU 413 requires the teacher candidate to begin to show proficiency in a partner school classroom. Teacher candidates also participate in weekly seminars held on campus.
Requisites: Pre or co-req: EDU 351 and EDU 352
Term(s) Offered: Fall, All Years
Fees: $200 Student Teaching Fee

EDU 414 Elementary Teaching Internship 12 Credits
The second of a two-semester internship, EDU 414 represents the culmination of the professional development of the teacher candidate. The teacher candidate is required to demonstrate increasing responsibility for assessing, planning, and evaluating instructional effectiveness in a partner school classroom. Teacher candidates also participate in weekly seminars held on campus. 12 credits. Laboratory fee.
Requisites: Pre or co-req: EDU 413
Term(s) Offered: Spring, All Years

EDU 490 Education Internship 4 Credits
A two or three credit experience with area educational partners to develop skills related to future professional work in education. 45 hours required per credit.
Term(s) Offered: All Terms, All Years

EDU 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

EDU 497 Independent Study 4 Credits
An Agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

WPD 102 Bodyweight & Core Conditioning 1 Credit
Designed to teach and instruct students on the methods and practices of bodyweight exercises and the importance of 'pillar' (core) training to create simple yet effective workout routines. The course will also have a practical element where students will engage in actual exercise routines and practice the exercises discussed in the class. (Theory & Practice).

WPD 103 Sailing 1 Credit
Instruction and practice in small sailboats on the Chester River. (Practice)

WPD 104 Tennis 1 Credit
Students learn the sport's fundamental strokes: forehand, backhand, volley, and serve. The course also includes an explanation of the rules, as well as basic singles and doubles strategy. (Practice)

WPD 105 Basics of Golf 1 Credit
Instruction and practice in golf skills-chipping, pitching, full swing, putting, the rules of golf and golf etiquette. (Practice)

WPD 106 American Red Cross Lifeguarding/CPR 2 Credits
The course stresses physical fitness and strength and endurance combined with the skills and techniques needed to be a certified lifeguard. Students complete a standard ARC test; cards are issued for successful completion of the course. Additional fees apply. (Theory & Practice)

WPD 117 Basic Sports Performance&human Movement 2 Credits
The course offers instruction, practice and lecture-based learning on a variety of fitness concepts. Students learn the basic concepts of human movement, planes of motions, exercise techniques and selection, programming and periodization, flexibility, and mobility. Students receive an extended orientation to the Johnson Fitness Center, equipment, and how to write and follow an exercise program based on personal fitness goals. (Theory & Practice)

WPD 120 Yoga Nidra 1 Credit
In this course, students will learn the principles and practice of Yoga Nidra, an effortless guided meditation that facilitates a powerful and unique state of awareness. Sound healing uses specific instruments to balance and heal the body, mind, and spirit. Students attend two 50-minute in-person classes a week led by the instructor for seven weeks. They are also expected to practice assignments (recorded guided meditations available on-line) out of class and complete written reflections of their experiences, totalling an additional 3-4 hours week.
Term(s) Offered: Fall, All Years

WPD 123 Introduction to Rowing 1 Credit
Instruction and practice in rowing and sculling on the Chester River. Students learn proper technique through Washington College's shells and rowing equipment. Students utilize both the Washington College's boathouse water tanks, classroom for video analysis, and the Chester River for instruction. Passing a swim-test is required to take this course. (Practice)

WPD 125 Hatha Yoga 1 Credit
Hatha Yoga focuses on postures (asanas), breathing, and meditation. It is suitable for beginners and all fitness levels, as the movements are slow-paced and gentle. The benefits of Hatha yoga include better sleep, strengthening core muscles, flexibility, improving depression symptoms, and helping with stress management. (Practice)

WPD 126 Racquet Sports 1 Credit
Instruction and practice in the fundamentals of badminton, racquetball, platform tennis, and squash, including the rules and etiquette of each sport. (Practice)

WPD 130 Scuba 2 Credits
This PADI open-water certified diver course provides students with the knowledge and skills to safely explore the underwater world. Instruction includes two hours of classroom and two hours of pool time for six weeks plus a weekend open-water dive. Must pass a swimming test. Additional fees apply. (Theory & Practice)
Fees: $262 Scuba Course Fee

WPD 131 Advanced Scuba 0 Credits
An advanced scuba course. Additional fees apply.
Requisites: Pre-req: Take WPD 130

WPD 132 Cycling 1 Credit
Students bike for aerobic exercise as well as the care, repair, and maintenance of bikes and techniques for safe riding. Bikes are provided if needed. (Practice)

WPD 135 Basics of Swimming 1 Credit
Basic instruction in swimming, including proper form and strokes (breaststroke, butterfly, backstroke, sidestroke, freestyle) and basic safety maneuvers (treading and floating) are taught. No prior swimming experience is necessary. This class accepts varying degrees of experience. Students complete the swim test for Washington College water-related activities as part of the course. (Practice)

WPD 147 Personal Training Certification 2 Credits
Washington College partners with the National Academy of Sports Medicine to offer this course. Students follow an accelerated learning program on the human movement system, fitness assessment, integrated training and theory application, design of fitness programs, nutrition and exercise, lifestyle coaching and professional development. The course does not guarantee a personal trainer certification which requires students to pass the NASMCPT exam at a certified testing center. Additional fees apply. (Theory & Practice)

WPD 151 Methods of Coaching 2 Credits
An experiential learning course where students examine the roles of the coach, the four components of sports and how to teach them, elements of leadership, methodologies for organizing and delivering practices, developing a coaching philosophy, and solving ethical dilemmas. Emphasis is placed on the psycho-social aspects of coaching. Students are tasked with a final project of creating and delivering a practice session (utilizing their classmates as practice players) in the sport of their choosing. Participation in these practice sessions is encouraged but not mandatory. (Theory)

WPD 194 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

WPD 240 Practicing Mindfulness 2 Credits
This course will provide students with an introduction to mindfulness through a combination of lecture, practice, and class discussion. Students will learn the core principles of mindfulness and how to apply them to their daily lives. A key component of this experiential course will involve students developing their own mindfulness practice, as they explore different strategies and develop skills to enhance their awareness of the mind-body connection.
Cross-listed as: PSY 240/WPD 240
Term(s) Offered: Spring, All Years

WPD 294 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

WPD 394 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

Education Major (with Teaching Certification)

Department of Education (p. 76)
Division of Social Sciences

Students selecting the Education major will study the individual in community and the world of schooling. The major provides a comprehensive preparation for prospective elementary school teachers, and an interdisciplinary program for students who wish to examine human development in the context of theory and practice in education but who do not wish to seek teacher certification.

The Education major is designed to help students answer the question, "How do children develop into fully mature, autonomous and self-aware human beings who are capable of both intimate and public communal relationships?" These studies will facilitate an understanding of the development of children in our multifaceted society within the comprehensive liberal arts foundation of the Washington College experience. The Education major provides the opportunity for enlarging our understanding of the development of school-aged youth. This is a particularly appropriate foundation for individuals wishing to become elementary school teachers.

The academic program includes sequenced study in educational foundations (the history, philosophy, and psychology of education), a developmental progression of study in pedagogical theory and practice, a demonstrated knowledge of content in selected liberal arts disciplines, and multi-disciplinary courses from the departments of anthropology, sociology, and psychology.

Field experiences and research are essential components of the major. The major study for the teacher candidate requires a 100-day internship in a Professional Development School; for the non-teacher candidate, the major study includes field experiences in schools or other educational and social agencies.

Washington College places singular emphasis on the completion of a significant independent project as the culminating activity in a major program. The teacher candidate will develop and present a professional portfolio which includes an action research project; the InTASC Model Core Teaching Standards will provide guidance and evaluative criteria. The non-certification major will develop and present an approved interdisciplinary thesis that includes field research.

Education Major with Teacher Certification Requirements

This sequence includes professional courses required for Maryland Approved Program Elementary Certification. Note that the Maryland State Department of Education requires a grade of "C" or better in all courses applied toward certification.

Code	Title	Credits	Notes
EDU 211	Clinical Field Experiences I	1	_____
EDU 212	Clinical Field Experiences II	1	_____
EDU 213	Clinical Field Experiences-Elementary	1	_____
EDU 214	Clinical Field Experiences-Elementary	1	_____
EDU 251	Principles of Education	4	_____
EDU 252	Educational Psychology	4	_____
EDU 302	Qual& Descrptve Mthds in Social Sciences	4	_____
or CMS 302	Qual& Descrptve Mthds in Social Sciences		_____
EDU 318	Cultural and Linguistic Diversity in Ed	4	_____
EDU 330	Diversity & Inclusion	4	_____
EDU 351	Processes & Acquisition of Reading	4	_____
EDU 352	Reading Instruction and Assessment	4	_____
EDU 354	Children's & Young Adult Literature	4	_____
or ENG 342	Children's & Young Adult Literature		_____
EDU 411	Curriculum & Instruction: Math & Sci	4	_____

EDU 412	Curr &instr: Language Arts & Soc Studies	4	_____
EDU 413	Elementary Teaching Internship (part-time)	4	_____
EDU 414	Elementary Teaching Internship (full-time)	12	_____
PSY 202	Life-Span Development	4	_____
Senior Capstone Experience (EDU SCE)		**2-4**	_____
Total Credits		**66-68**	_____

Complete the following General Education Distribution Requirements

Complete 2 Natural Science Courses with a laboratory.

Code	Title	Credits	Notes
BIO 100	Current Topics in Biology with Lab	4	_____
CHE/ENV 110	Chemistry of the Environment with Lab	4	_____
CHE 120 & CHE 122	Chem Principles Org Molecules with Lab and Chemical Principles Orgnc Molecules Lab	4	_____
CHE 140 & CHE 142	Reactions of Organic Molecules with Lab and Reactions of Organic Molecules Lab	4	_____
ENV 140	Exploring the Solid Earth with Lab	4	_____
ENV 141	Atmosphere, Ocean & Environment w/Lab	4	_____
PHY 105	Astronomy with Lab	4	_____

****Students pursuing a minor in a Natural Science or Psychology should complete their natural science distribution requirement by taking one of the preferred two-course sequences below:**

Code	Title	Credits	Notes
BIO 111 & BIO 112	General Biology I with Lab and General Biology II with Lab	8	_____
PHY 101 & PHY 102	College Physics I with Lab and College Physics II with Lab	8	_____
PHY 111 & PHY 112	General Physics I with Lab and General Physics II with Lab	8	_____

Complete 2 Quantitative Math Courses

Complete 3 Social Sciences Courses

Code	Title	Credits	Notes
EDU 251	Principles of Education	4	_____
EDU 252	Educational Psychology	4	_____
HIS 201	History of the United States to 1865	4	_____
or HIS 202	History of the United States Since 1865		_____
Total Credits		**12**	_____

Complete 2 Humanities Courses

Code	Title	Credits	Notes
ENG 207	British Literature & Culture I	4	_____
ENG 208	British Literature & Culture II	4	_____

ENG 209	Introduction to American Culture I	4	_____
ENG 213	African Am Literature & Culture I	4	_____
ENG 214	African Am Lit & Culture II	4	_____

Complete 1 Course in Fine Arts (ART, DAN, MUS, THE)

Major

- Education Major (without Teacher Certification) (p. 87)

Minor

- Coaching Minor (https://catalog.washcoll.edu/catalog/departments-programs/education/coaching-minor/)
- Education Studies Minor (p. 92)
- Museum, Field, and Community Education Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/museum-field-community-education-minor/)
- School Counseling Minor (https://catalog.washcoll.edu/catalog/departments-programs/education/school-counseling-minor/)

Certificate

- Secondary Education Certification Program (p. 94)

Education Major (without Teacher Certification)

Department of Education (p. 76)
Division of Social Sciences

Students selecting the Education major will study the individual in community and the world of schooling. The major provides a comprehensive preparation for prospective elementary school teachers, and an interdisciplinary program for students who wish to examine human development in the context of theory and practice in education but who do not wish to seek teacher certification.

The Education major is designed to help students answer the question, "How do children develop into fully mature, autonomous and self-aware human beings who are capable of both intimate and public communal relationships?" These studies will facilitate an understanding of the development of children in our multifaceted society within the comprehensive liberal arts foundation of the Washington College experience. The Education major provides the opportunity for enlarging our understanding of the development of school-aged youth. This is a particularly appropriate foundation for individuals wishing to become elementary school teachers or otherwise work with young people in school or other social service settings.

The academic program includes sequenced study in educational foundations (the history, philosophy, and psychology of education), a developmental progression of study in pedagogical theory and practice, a demonstrated knowledge of content in selected liberal arts disciplines, and multi-disciplinary courses from the departments of anthropology, sociology, and psychology.

Field experiences and research are essential components of the major. The major study for the certification candidate requires a 100-day internship in a Professional Development School; for the non-certification candidate, the major study includes field experiences in schools or other educational and social agencies.

Washington College places singular emphasis on the completion of a significant independent project as the culminating activity in a major program. The teacher candidate will develop and present a professional portfolio which includes an action research project; the InTASC Model Core Teaching Standards will provide guidance and evaluative criteria. The non-certification major will develop and present an approved interdisciplinary thesis that includes field research.

Education Major (without Teacher Certification) Requirements

The following courses are required for the completion of the Education major without teacher certification. Courses listed as special topics, or other upper-level classes in Sociology, Anthropology, or Psychology may be counted towards the major with permission of the advisor.

Code	Title	Credits	Notes
Foundation Courses		**22**	_____
EDU 211	Clinical Field Experiences I		_____
EDU 212	Clinical Field Experiences II		_____
EDU 251	Principles of Education (satisfies social sciences distribution)		_____
EDU 252	Educational Psychology (satisfies social sciences distribution)		_____

EDU 302	Qual& Descrptve Mthds in Social Sciences		_____
or CMS 302	Qual& Descrptve Mthds in Social Sciences		_____
EDU 318	Cultural and Linguistic Diversity in Ed		_____
PSY 202	Life-Span Development		_____
Select 3 Courses From Below		**12**	_____
EDU 218 & EDU 219	Clinical Field Exper - Human Development and Clinical Field Exper - Human Development		_____
or EDU 494	Special Topics		_____
EDU 303	Comparative Education		_____
EDU 311	Human Geography		_____
EDU 315	Traditional & Modern Grammar		_____
EDU 318	Cultural and Linguistic Diversity in Ed		_____
EDU 330	Diversity & Inclusion		_____
EDU 351	Processes & Acquisition of Reading		_____
EDU 354/ENG 342	Children's & Young Adult Literature		_____
Select 3 Courses From Below		**12**	_____
ANT 105	Introduction to Anthropology		_____
ANT 215	Sex, Gender, and Culture		_____
ANT 280	Traditional Ecological Knowledge		_____
ANT 300	Language and Culture		_____
ANT 320	Race and Ethnicity		_____
PSY 111	General Psychology		_____
PSY 112	General Psychology		_____
PSY 221	Social Psychology		_____
PSY 231	Personality		_____
PSY 234	Medical and Developmental Disorders		_____
PSY 302	Social and Personality Development W/Lab		_____
PSY 304	Theories and Processes of Counseling		_____
PSY 309	Statistics & Research Design II With Lab		_____
PSY 313	Learning & Appl Behavioral Anal. w/ Lab		_____
PSY 316	Cognitive Neuroscience with Lab		_____
PSY 433	Child Assessment with Lab		_____
SOC 101	Intro to Sociology		_____
SOC 212	Sociology of the Family		_____
SOC 213	Sociology of Gender		_____
SOC 221	Social Inequalities		_____
SOC 262	Self and Society		_____
SOC 306	Research Methods in Sociology		_____
SOC 341	Variant Behavior		_____
Senior Capstone Experience (EDU SCE)		**2-4**	_____
Total Credits		**48-50**	_____

Code	Title	Credits	Notes
Foundation Courses		**22**	_____
EDU 211	Clinical Field Experiences I		_____
EDU 212	Clinical Field Experiences II		_____
EDU 251	Principles of Education (satisfies social sciences distribution)		_____
EDU 252	Educational Psychology (satisfies social sciences distribution)		_____
EDU 302	Qual& Descrptve Mthds in Social Sciences		_____
or CMS 302	Qual& Descrptve Mthds in Social Sciences		_____
EDU 318	Cultural and Linguistic Diversity in Ed		_____
PSY 202	Life-Span Development		_____
Select 3 Courses From Below		**12**	_____
EDU 218 & EDU 219	Clinical Field Exper - Human Development and Clinical Field Exper - Human Development		_____
or EDU 494	Special Topics		_____
EDU 303	Comparative Education		_____
EDU 311	Human Geography		_____
EDU 315	Traditional & Modern Grammar		_____
EDU 318	Cultural and Linguistic Diversity in Ed		_____
EDU 330	Diversity & Inclusion		_____
EDU 351	Processes & Acquisition of Reading		_____
EDU 354/ENG 342	Children's & Young Adult Literature		_____
Select 3 Courses From Below		**12**	_____
ANT 105	Introduction to Anthropology		_____
ANT 215	Sex, Gender, and Culture		_____
ANT 280	Traditional Ecological Knowledge		_____
ANT 300	Language and Culture		_____
ANT 320	Race and Ethnicity		_____
PSY 111	General Psychology		_____
PSY 112	General Psychology		_____
PSY 221	Social Psychology		_____
PSY 231	Personality		_____
PSY 234	Medical and Developmental Disorders		_____
PSY 302	Social and Personality Development W/Lab		_____
PSY 304	Theories and Processes of Counseling		_____
PSY 309	Statistics & Research Design II With Lab		_____
PSY 313	Learning & Appl Behavioral Anal. w/ Lab		_____
PSY 316	Cognitive Neuroscience with Lab		_____
PSY 433	Child Assessment with Lab		_____
SOC 101	Intro to Sociology		_____
SOC 212	Sociology of the Family		_____
SOC 213	Sociology of Gender		_____
SOC 221	Social Inequalities		_____

SOC 262	Self and Society		_____
SOC 306	Research Methods in Sociology		_____
SOC 341	Variant Behavior		_____
Senior Capstone Experience (EDU SCE)		**2-4**	_____
Total Credits		**48-50**	_____

Code	Title	Credits	Notes
Foundation Courses		**22**	_____
EDU 211	Clinical Field Experiences I		_____
EDU 212	Clinical Field Experiences II		_____
EDU 251	Principles of Education (satisfies social sciences distribution)		_____
EDU 252	Educational Psychology (satisfies social sciences distribution)		_____
EDU 302	Qual& Descrptve Mthds in Social Sciences		_____
or CMS 302	Qual& Descrptve Mthds in Social Sciences		_____
EDU 318	Cultural and Linguistic Diversity in Ed		_____
PSY 202	Life-Span Development		_____
Select 3 Courses From Below		**12**	_____
EDU 218 & EDU 219	Clinical Field Exper - Human Development and Clinical Field Exper - Human Development		_____
or EDU 494	Special Topics		_____
EDU 303	Comparative Education		_____
EDU 311	Human Geography		_____
EDU 315	Traditional & Modern Grammar		_____
EDU 318	Cultural and Linguistic Diversity in Ed		_____
EDU 330	Diversity & Inclusion		_____
EDU 351	Processes & Acquisition of Reading		_____
EDU 354/ENG 342	Children's & Young Adult Literature		_____
Select 3 Courses From Below		**12**	_____
ANT 105	Introduction to Anthropology		_____
ANT 215	Sex, Gender, and Culture		_____
ANT 280	Traditional Ecological Knowledge		_____
ANT 300	Language and Culture		_____
ANT 320	Race and Ethnicity		_____
PSY 111	General Psychology		_____
PSY 112	General Psychology		_____
PSY 221	Social Psychology		_____
PSY 231	Personality		_____
PSY 234	Medical and Developmental Disorders		_____
PSY 302	Social and Personality Development W/Lab		_____
PSY 304	Theories and Processes of Counseling		_____
PSY 309	Statistics & Research Design II With Lab		_____
PSY 313	Learning & Appl Behavioral Anal. w/ Lab		_____

PSY 316	Cognitive Neuroscience with Lab		_____
PSY 433	Child Assessment with Lab		_____
SOC 101	Intro to Sociology		_____
SOC 212	Sociology of the Family		_____
SOC 213	Sociology of Gender		_____
SOC 221	Social Inequalities		_____
SOC 262	Self and Society		_____
SOC 306	Research Methods in Sociology		_____
SOC 341	Variant Behavior		_____
Senior Capstone Experience (EDU SCE)		**2-4**	_____
Total Credits		**48-50**	_____

Code	Title	Credits	Notes
Foundation Courses		**22**	_____
EDU 211	Clinical Field Experiences I		_____
EDU 212	Clinical Field Experiences II		_____
EDU 251	Principles of Education (satisfies social sciences distribution)		_____
EDU 252	Educational Psychology (satisfies social sciences distribution)		_____
EDU 302	Qual& Descrptve Mthds in Social Sciences		_____
or CMS 302	Qual& Descrptve Mthds in Social Sciences		_____
EDU 318	Cultural and Linguistic Diversity in Ed		_____
PSY 202	Life-Span Development		_____
Select 3 Courses From Below		**12**	_____
EDU 218 & EDU 219	Clinical Field Exper - Human Development and Clinical Field Exper - Human Development		_____
or EDU 494	Special Topics		_____
EDU 303	Comparative Education		_____
EDU 311	Human Geography		_____
EDU 315	Traditional & Modern Grammar		_____
EDU 318	Cultural and Linguistic Diversity in Ed		_____
EDU 330	Diversity & Inclusion		_____
EDU 351	Processes & Acquisition of Reading		_____
EDU 354/ENG 342	Children's & Young Adult Literature		_____
Select 3 Courses From Below		**12**	_____
ANT 105	Introduction to Anthropology		_____
ANT 215	Sex, Gender, and Culture		_____
ANT 280	Traditional Ecological Knowledge		_____
ANT 300	Language and Culture		_____
ANT 320	Race and Ethnicity		_____
PSY 111	General Psychology		_____
PSY 112	General Psychology		_____
PSY 221	Social Psychology		_____
PSY 231	Personality		_____
PSY 234	Medical and Developmental Disorders		_____
PSY 302	Social and Personality Development W/Lab		_____

PSY 304	Theories and Processes of Counseling		_____
PSY 309	Statistics & Research Design II With Lab		_____
PSY 313	Learning & Appl Behavioral Anal. w/ Lab		_____
PSY 316	Cognitive Neuroscience with Lab		_____
PSY 433	Child Assessment with Lab		_____
SOC 101	Intro to Sociology		_____
SOC 212	Sociology of the Family		_____
SOC 213	Sociology of Gender		_____
SOC 221	Social Inequalities		_____
SOC 262	Self and Society		_____
SOC 306	Research Methods in Sociology		_____
SOC 341	Variant Behavior		_____
Senior Capstone Experience (EDU SCE)		**2-4**	_____
Total Credits		**48-50**	_____

[1] Two of courses may be at the 200 level; 6 courses must be (300/400) level. Substitution of up to two courses is possible with the approval of the advisor.

Major

- Education Major (with Teaching Certification) (p. 85)

Minor

- Coaching Minor (https://catalog.washcoll.edu/catalog/departments-programs/education/coaching-minor/)
- Education Studies Minor (p. 92)
- Museum, Field, and Community Education Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/museum-field-community-education-minor/)
- School Counseling Minor (https://catalog.washcoll.edu/catalog/departments-programs/education/school-counseling-minor/)

Certificate

- Secondary Education Certification Program (p. 94)

Education Studies Minor

Department of Education (p. 76)
Division of Social Sciences

The Education Studies minor is for two groups of students: students who would like to become middle and high school teachers, and students who *might* be interested in teaching but who do not want to complete a full-time teaching internship. Students interested in non-traditional teaching, other school-based careers (including guidance counselor, school psychologist, social worker, or similar), graduate school, or other people-oriented careers can benefit from this minor. Students interested in pursuing alternative teaching certification after graduation can also benefit.

Students who wish to teach middle school or high school are encouraged to consider applying for the Secondary Teacher Certification Program and should follow the requirements listed on that page.

Human Development majors are not eligible for a minor in Education Studies.

Education Studies Minor Requirements

This minor, on its own, is not sufficient for teacher certification. Students who wish to teach are encouraged to consider applying for the Secondary Teacher Certification Program (p. 94) and should see Secondary Teacher Certification Program requirements. The list below is designed ONLY for students who do not intend to be eligible for teacher certification.

The Clinical Field Experience and at least two of the four other foundation courses must be taken at Washington College. (Exceptions can be made at the discretion of the Department Chair).

Code	Title	Credits	Notes
Foundation Courses (must be completed at WC)		**16**	_____
EDU 251	Principles of Education		_____
EDU 252	Educational Psychology		_____
EDU 307	Literacy in the Content Area		_____
or EDU 213 & EDU 351	Clinical Field Experiences-Elementary and Processes & Acquisition of Reading		_____
EDU 330	Diversity & Inclusion		_____
Select 1 Field Experience at WC [1]		**1**	_____
Elementary			_____
EDU 211	Clinical Field Experiences I		_____
EDU 212	Clinical Field Experiences II		_____
EDU 213	Clinical Field Experiences-Elementary [2]		_____
Secondary			_____
EDU 216	Clinical Field Experience - Secundary		_____
Human Development			_____
EDU 218	Clinical Field Exper - Human Development		_____
International (2 cr. when available) or Alternate			_____
EDU 215	Clinical Field Experience-Alternative		_____
Environmenal (must have Minor Director permission)			_____
EDU 115	Environmental Ed Clinical Field Exp		_____
Museum Education (must have Minor Director permission)			_____
EDU 117	Museum, Field, Comm Ed Experience		_____
EDU 194	Special Topics		_____
Select 2 Courses From Below		**8**	_____
ANT 300	Language and Culture		_____
CHE 310	Greener & Sustainable Chemistry		_____
EDU 294/394	Special Topics		_____
EDU 303	Comparative Education		_____
EDU 311	Human Geography		_____
EDU 315	Traditional & Modern Grammar		_____
EDU 318	Cultural and Linguistic Diversity in Ed		_____
EDU 341	Designing&Measuring Learning Experience		_____
EDU 352 & EDU 214	Reading Instruction and Assessment and Clinical Field Experiences-Elementary		_____
EDU 354/ENG 342	Children's & Young Adult Literature		_____
EDU 401	Principles of Teaching I: Secondary		_____
EDU 403	Special Methods in the Teaching Field		_____
EDU 406	Seminar in Peer Tutoring		_____
PSY 202	Life-Span Development		_____
SOC 221	Social Inequalities		_____
Total Credits		**25**	_____

[1] Secondary teacher certification students must completeEDU 216 Clinical Field Experience - Secundary and EDU 217 Clinical Field Experience - Secundary

[2] EDU 213 Clinical Field Experiences-Elementary is taken in conjunction with EDU 351 Processes & Acquisition of Reading

Major

- Education Major (with Teaching Certification) (p. 85)
- Education Major (without Teacher Certification) (p. 87)

Minor

- Coaching Minor (https://catalog.washcoll.edu/catalog/departments-programs/education/coaching-minor/)
- Education Studies Minor (p. 92)
- Museum, Field, and Community Education Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/museum-field-community-education-minor/)
- School Counseling Minor (https://catalog.washcoll.edu/catalog/departments-programs/education/school-counseling-minor/)

Certificate

- Secondary Education Certification Program (p. 94)

Secondary Education Certification Program

Department of Education (p. 76)
Division of Social Sciences

The Secondary Education Certification Program prepares students to be certified to teach middle or high school students through foundational coursework, practical field experiences, and a full-time teaching internship.

Students completing the Secondary Education Certification Program will also complete the Education Studies Minor.

Note that students must complete 2 of the 4 required courses and a field experience through Washington College in order to complete the minor and the certification program.

Washington College was the first college in Maryland to offer an undergraduate pathway to teacher certification in Computer Science and is the only college to offer undergraduates certification in Environmental Science!

Secondary Education Certification Requirements

Washington College has fifteen Maryland Approved Secondary Certification Programs: biology, business education, chemistry, computer science, English, environmental science, mathematics, physics, social studies, and theatre (grades 7-12); and art, French, German, music, and Spanish (PreK-12). The number and specificity of courses required for certification in these subject areas vary, with social studies, computer science, and English having more extensive state requirements.

The following education courses are required for students who wish to become certified as secondary teachers:

Code	Title	Credits	Notes
EDU 216	Clinical Field Experience - Secundary	1	_____
EDU 217	Clinical Field Experience - Secundary	1	_____
EDU 251	Principles of Education	4	_____
EDU 252	Educational Psychology	4	_____
EDU 307	Literacy in the Content Area	4	_____
EDU 330	Diversity & Inclusion	4	_____
EDU 401	Principles of Teaching I: Secondary	4	_____
EDU 403	Special Methods in the Teaching Field [1]	4	_____
EDU 404	Secondary Teaching Internship	2	_____
EDU 405	Secondary Teaching Internship	8	_____
Total Credits		**36**	**_____**

[1] Students in EDU 403 Special Methods in the Teaching Field choose the section that is appropriate for their area of certification: art, biology, business education, chemistry, computer science, English, environmental science, French, German, mathematics, music, physics, social studies, Spanish, or theater.

EDU 401 Principles of Teaching I: Secondary, EDU 403 Special Methods in the Teaching Field, and EDU 405 Secondary Teaching Internship make up the “Education Block” internship taken Fall Semester of the senior year or the Fall Semester after graduation.

EDU 307 Literacy in the Content Area meets Maryland Literacy I and II Secondary Requirements (together with EDU 401 Principles of Teaching I: Secondary & EDU 404 Secondary Teaching Internship).

Students who wish to be certified in English should consider completing EDU 315 Traditional & Modern Grammar and EDU 354 Children's & Young Adult Literature / ENG 342 Children's & Young Adult Literature.

To be certified in computer science, students must complete CSI 440 Computer Networks and CSI 450 Data Ethics and Practicum from the major requirements.

Students who major in environmental science may apply for certification in biology, chemistry, or environmental science, depending on the courses they have taken. Students are encouraged to work with department and major advisors, as they must plan their programs carefully to meet all course requirements.

Students majoring in history, economics, political science, psychology, sociology, international studies, and American studies may be eligible for certification in social studies and do their student teaching in social studies. They must plan their programs carefully to meet all requirements.

Students from majors other than history who pursue social studies certification should take the following core courses (history majors are *recommended* to take ECN 111 Principles of Macroeconomics, POL 102 American Government and Politics, and EDU 311 Human Geography):

Code	Title	Credits	Notes
ECN 111	Principles of Macroeconomics	4	_____
POL 102	American Government and Politics	4	_____
EDU 311	Human Geography (offered Spring even years only)	4	_____
Complete one 200, 300, 400 Level Course in Each of the Following Areas:		20	_____
Pre-1869 U.S. History			_____
Post-1860 U.S. History			_____
Early European History			_____
Modern European History			_____
African American History			_____
Total Credits		**32**	_____

Major

- Art Major, Art History Concentration (p. 23)
- Art Major, Dual Concentration (p. 24)
- Art Major, Studio Art Concentration (p. 26)
- Biology Major (p. 34)
- Business Management Major (p. 50)
- Chemistry ACS-certified Major (p. 64)
- Chemistry Non-ACS certified Major (p. 67)
- Computer Science Major (p. 140)
- English Major (p. 106)
- Environmental Science Major (BS) (p. 117)
- Environmental Studies Major (BA) (p. 119)
- French Studies Major (p. 226)
- German Studies Major (p. 228)
- Hispanic Studies Major (p. 230)
- History Major (p. 128)
- Mathematics Major (p. 144)
- Music Major (p. 155)
- Physics Major (p. 169)
- Theatre Major (p. 209)

English

Division of Humanities and Fine Arts

In the Washington College English department, you can do everything and anything with words: critical and creative writing; journalism, editing & publishing; analysis of literature and media, both old and new; how to read a book and how to make one. You will learn from celebrated visiting writers and scholars who join your classes or read at the Rose O'Neill Literary House. You will engage in a variety of experiential learning opportunities, from class trips to study abroad to internships in communications, editing, journalism, publishing, and other fields. You will be guided by a faculty mentor and develop independent research for your Senior Capstone Experience. As a critic, editor, essayist, journalist, poet, and storyteller you will become knowledgeable and skilled in analysis, creativity, inquiry, and persuasion.

From classes in literature and creative writing to the welcoming environment of the Rose O'Neill Literary House, writers and students of literature alike will find Washington College home to a vibrant literary community. Each year, thanks to the Sophie Kerr Endowment and its programs, the College brings to campus a succession of distinguished writers, editors, and literary scholars. Billy Collins, Junot Díaz, Nick Flynn, Jonathan Franzen, Neil Gaiman, Lauren Groff, Ted Kooser, Li-Young Lee, Colum McCann, Azar Nafisi, Maggie Nelson, Joyce Carol Oates, Claudia Rankine, Jane Smiley, Natasha Trethewey, Colson Whitehead, and Jacqueline Woodson are just some of the writers and literary scholars who have come to campus in the last decade to teach, lecture, and conduct writing workshops.

To read, to think, to write, to communicate: these habits of interpretation and expression are fundamental to a liberal arts education, to the mission of Washington College, and to the study of English. The mission of the English Department is to develop students who can read the variety of literature in English broadly, think through ideas critically, analyze texts closely, gather and communicate information effectively, and write clearly, creatively, and articulately.

Distribution Credit in English

Students who wish to fulfill the Humanities Distribution Requirement with one Humanities course may do so by taking any 100 or 200 level courses in English except ENG 103 Introduction to Creative Writing, which does not fulfill the Humanities Distribution Requirement.

Students who choose to take two courses in English to fulfill the Humanities distribution requirement are not required to take a sequence. They may take any two ENG courses from the same grouping (ENG 101 Literature and Composition and all 200-level ENG courses).

- Creative Writing Minor (p. 104)
- English Major (p. 106)
- English Minor (p. 108)
- Journalism, Editing and Publishing Minor (p. 109)

Sean Meehan, Co-Chair
Elizabeth O'Connor, Co-Chair
Katherine Charles
Richard DeProspo
James Allen Hall
Roy Kesey
Martha Pitts
Courtney Rydel

ENG SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience (SCE) in English is an opportunity for English majors to bring their research and interpretive abilities, their writing skills, and their understanding of the literary tradition to bear on a long-term, independent project in the form of an essay and annotated bibliography that serves as the culmination of their literary studies at Washington College. The SCE for English majors exemplifies each student's accumulated knowledge and mastery of literary analysis, developed under the mentorship of a departmental professor who challenges and guides you through the process. SCE preparation begins in Junior Seminar, where you develop the necessary skills for choosing a topic, articulating your ideas in an abstract, exploring the field in a proposal, summarizing researching through an annotated bibliography, and writing a 25-30 page essay. Upon completion of your SCE, you present your research and ideas in the English Thesis Lightning Talks.
Term(s) Offered: All Terms, All Years

ENG 101 Literature and Composition 4 Credits
This course is intended to develop the student's capacity for intelligent reading, critical analysis, and writing through the study of literature. There are frequent writing assignments, as well as individual conferences on the student's writing.
Term(s) Offered: All Terms, All Years

ENG 103 Introduction to Creative Writing 4 Credits
A workshop introducing new writers to several forms of creative writing, including poetry, fiction, and nonfiction. Students use classic and contemporary literature as models for their own efforts. Counts for Creative Writing minor, Journalism, Editing & Publishing minor, W2 requirement.
Term(s) Offered: All Terms, All Years

ENG 190 English Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ENG 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ENG 201 The Art of Rhetoric 4 Credits
Students study and develop the rhetorical knowledge readers and writers use to generate persuasive critical analysis and compelling expository prose in any discipline or field of inquiry. Topics chosen by the instructor (for example: the rhetoric of documentary, the rhetoric of science, the rhetoric of identity) explore the ways writers, artists, and thinkers use rhetoric to communicate in a range of circumstances and texts, both print and multimedia, literary and multidisciplinary. Guided by readings in classical elements of rhetorical study (the 5 canons of rhetoric, rhetorical tropes and figures) students develop knowledge of writing process and effective style; attention is also given to the oratorical delivery of composition in the form of speech and/or multimedia presentation. The guiding principle of the course is emulative: while students read and critique various models of rhetorical knowledge evident in the course texts, they also apply that knowledge to the texts they generate as writers.
Term(s) Offered: Spring, All Years

ENG 205 Shakespeare I 4 Credits
This course examines some of Shakespeare's best known earlier plays (those written before the death of Queen Elizabeth in 1603) both in the context of early modern English culture and as play scripts/performances. Using films and live productions it considers the plays as they have been and could be interpreted for performance. This class examines a number of these exciting works through a variety of lenses from gender to performance history.
Cross-listed as: THE 205/ENG 205
Term(s) Offered: Fall, All Years

ENG 206 Shakespeare II 4 Credits
This course examines some of Shakespeare's best known later plays (those written after the death of Queen Elizabeth in 1603) both in the context of early modern English culture and as play scripts/performances. Shakespeare's later plays are complicated portraits of people and societies going through incredible change. This class examines a number of these exciting works through a variety of lenses from gender to performance history.
Cross-listed as: ENG 206/THE 206
Term(s) Offered: Spring, All Years

ENG 207 British Literature & Culture I 4 Credits
This course offers a survey of literature written in English between 700 and 1688, a timeframe that spans the evolution of Old, Middle, and Early Modern Englishes. Our reading focuses on major texts and authors, ranging from Caedmon and Chaucer to Margery Kempe and Shakespeare, and analyzes them in the context of their historical moment and aesthetic movements. Counts for Humanities distribution and the Medieval and Early Modern Studies Minor.
Term(s) Offered: Fall, All Years

ENG 208 British Literature & Culture II 4 Credits
This course offers a survey of literature written in English between 1688 and 1892, a timeframe that spans what scholars have retrospectively identified as four periods of literary activity: the Restoration, the Eighteenth Century, Romanticism, and the Victorian age. Our reading focuses on major texts and authors, and analyzes them in the context of their historical moment and aesthetic movements. In particular, we focus on the role that literature played in both representing and influencing the periods' barrage of social changes. For it is during this time that technology first made print cheaply reproducible, and the subsequent increase in literacy rates produced a new mass audience eager to consume newspapers, magazines, and the new prose genre of the novel.
Term(s) Offered: Spring, All Years

ENG 209 Introduction to American Culture I 4 Credits
Taught in the fall semester, the course is concerned with the establishment of American Literature as a school subject. Texts that have achieved the status of classics of American Literature, such as Hawthorne's The Scarlet Letter, Thoreau's Walden, and Mark Twain's The Adventures of Huckleberry Finn, are read in the context of the history and politics of their achieving this status. Texts traditionally excluded from the canon of American literature, in particular early Hispano- and Franco-American texts, are considered in the context of their relative marginality to the project of establishing American Literature as worthy of being taught and studied in the American academy. Other-than-written materials, such as modern cinematic representations of the period of exploration and colonization of North America, as well as British colonial portraits and history paintings, are studied for how they reflect on claims for the cultural independence of early America. Other-than-American materials, such as late medieval and early Renaissance Flemish and Hispanic still lifes, as well as the works of nineteenth-century European romantic poets and prose writers, are sampled for how they reflect on claims for the exceptional character of American culture. Counts for the American Studies major and Humanities distribution.
Cross-listed as: AMS 209/ENG 209
Term(s) Offered: Fall, All Years

ENG 210 Introduction to American Culture II 4 Credits
Taught in the spring semester, the course is concerned with the establishment of American Studies as a curriculum in post-World War II American colleges and universities. Readings include a variety of written texts, including those not traditionally considered literary, as well as a variety of other-than-written materials, including popular cultural ones, in accordance with the original commitment of American Studies to curricular innovation. Introductions to the modern phenomena of race, gender, sexual orientation, generation, and class in the U.S. culture are included. A comparatist perspective on the influence of American culture internationally and a review of the international American Studies movement in foreign universities is also introduced.
Cross-listed as: ENG 210/AMS 210
Term(s) Offered: Spring, All Years

ENG 213 African Am Literature & Culture I 4 Credits
This course is a survey of African American literature produced from the late 1700s to the present. It is designed to introduce students to the key writers, texts, themes, conventions, and tropes that have shaped the African American literary tradition. Authors studied may include Frederick Douglass, Zora Neale Hurston, Ralph Ellison, Gwendolyn Brooks, Toni Morrison and Walter Mosley. Counts for American Studies major, Black Studies minor, Communication and Media Studies major, and Humanities distribution.
Cross-listed as: ENG 213/AMS 213
Term(s) Offered: Fall, All Years

ENG 214 African Am Lit & Culture II 4 Credits
This course surveys African American authors from the Harlem Renaissance to the present. It is designed to expose students to the writers, texts, themes, and literary conventions that have shaped the African American literary canon since the Harlem Renaissance. Authors studied in this course include Zora Neale Hurston, Richard Wright, Ralph Ellison, Gwendolyn Brooks, James Baldwin, and Toni Morrison. Counts for American Studies major, Black Studies minor, Communication and Media Studies major, and Humanities distribution.
Cross-listed as: ENG 214/AMS 214
Term(s) Offered: Spring, All Years

ENG 215 Bible as Literature 4 Credits
In this course, we read and analyze the Bible as literature, with some attention to later art influenced by the Bible. We consider the Hebrew and Christian Scriptures (also known as the Old and New Testaments) within their historical context and survey the range of genres found in the Biblical canon: the Pentateuch, historical books, wisdom and poetic literature, prophetic books, gospels, Pauline letters and apocalypse. Through this course, students become familiar with the most influential images, stories, and characters from the Bible. No prior knowledge of the Bible is required.
Term(s) Offered: Other, All Years

ENG 216 Greek & Roman Mythology 4 Credits
This course explores the rich literary and cultural heritage of Greek and Roman mythology, exploring the stories that have inspired everything from the Percy Jackson series to DC's Wonder Woman, Disney's Hercules to Netflix's Blood of Zeus, and more. We explore classical mythology in several major literary genres, including drama, epic, and poetry, spending much of our time on Ovid's Metamorphoses and Homer's Odyssey. We discuss the history, geography, art and architecture of the ancient Mediterranean world to contextualize how Greek and Roman mythology spread through conquest and trade. Examining modern translations and adaptations helps us connect the world of antiquity to the present day. Counts for Humanities distribution and Gender Studies minor.
Term(s) Offered: Other, Non Conforming

ENG 217 Global Wisdom and Literature 4 Credits
An interdisciplinary, team-taught course with the Department of English and the Department of Philosophy and Religion that delves into the world's wisdom traditions through the lenses of literature, philosophy, and religion. Students examine renowned works such as the Epic of Gilgamesh, Socratic dialogues, Stoic spiritual diaries, Christian and Islamic mystical texts, Hindu epics, Japanese Buddhist poetry, and more. Participants transcend the boundaries of history, geography, ideology, genre, and academic disciplines. The course aims to foster intercultural competence in students seen as crucial for a liberal arts education and meaningful contribution to real world settings.
Cross-listed as: ENG 217/PHL 237
Term(s) Offered: Spring, Odd Years

ENG 220 Introduction to Fiction 4 Credits
This course introduces you to the study of literary fiction. This is not a creative writing workshop nor an introduction to fiction writing methods. This course surveys the rich tradition of prose fiction largely, but not exclusively, in English. Emphasis is placed on the enduring features of this genre as it evolved throughout the centuries as well as to the innovations introduced by individual writers. The literary works selected for this course draw upon a variety of fictional forms and styles. Class discussions include, along with close readings of the works themselves, an appreciation of the historical and cultural contexts out of which they arose and to which they gave a fictional rewriting. Counts for Creative Writing minor, Humanities distribution, and W2 requirement.
Term(s) Offered: Other, Non Conforming

ENG 221 Introduction to Nonfiction 4 Credits
This course introduces students to the genre of nonfiction writing. By exploring various ways to tell stories about a single true life-such as through essay, memoir, autobiography, journalism, and biography-students consider the power of documentation and the methods nonfiction writers use to shape the same facts for different purposes. Discussions will probe the impact that relating personal experience has on national discourse. Counts for Creative Writing minor, Humanities distribution, Journalism, Editing & Publishing minor, and W2 requirement.
Term(s) Offered: Spring, All Years

ENG 222 Introduction to Poetry 4 Credits
This course will provide an introduction to the study of various styles and forms of poetry. By reading a wide range of poetic styles from a number of aesthetic schools, students consider the ways in which poetry has become a conversation across centuries, how the genre may act simultaneously as a personal and a political voice, and how it may be interpreted not only as intimate confession but also as supreme fiction.
Term(s) Offered: Spring, Non Conforming

ENG 223 Introduction to Drama 4 Credits
This course examines plays as literary texts. Students investigate drama in the English language theatre tradition from ancient Greece to the present day. The course considers how writers respond to each other as they develop genres such as comedy, tragedy, satire, morality plays, family drama, history, romance, and others. Attending at least one on-campus performance is required. The goal of this class is to enable you to understand the English language theater tradition so that you can better enjoy reading drama and attending live theater performances.
Term(s) Offered: Other, Non Conforming

ENG 224 Introduction to Journalism 4 Credits
This course covers the foundations of reporting, writing, fact checking, and editing. Students write a range of news and feature stories, including an obituary, an event, and a profile. We also discuss journalistic ethics and the way the field has been transformed by the Internet.
Term(s) Offered: All Terms, All Years

ENG 290 English Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ENG 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ENG 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ENG 300 Global Middle Ages 4 Credits
Global Middle Ages explores literature from many languages and cultures that has been translated into English. Our goal is to gain depth in a few specific genres-- such as the lyric poem, short story collections, or travel narratives -- as well as acquire the breadth of seeing these texts in a larger multinational, multilingual context. Students survey the locales and literatures across the interconnected cultures on the Eurasian and African land masses, with occasional forays into the western hemisphere. Instead of culminating in a traditional research paper assignment, this course builds towards the students collaboratively creating public-facing scholarship and presentations.
Term(s) Offered: Spring, Odd Years

ENG 301 Chaucer 4 Credits
Chaucer's fellow poets hailed him as the father of English poetry for his ability to transform diverse genres and sources into a living tradition of English poetry that continues to this day. This course focuses on The Canterbury Tales, Geoffrey Chaucer's most popular and beloved work, and its creation of fictional and real communities. We become comfortable with Chaucer's poetry in the original Middle English and acquaint ourselves with current scholarly debates and the historical and literary context of the Canterbury Tales. Counts for European Studies minor, Gender Studies minor, and Medieval and Early Modern Studies minor.
Term(s) Offered: Spring, Non Conforming

ENG 302 Arthurian Literature 4 Credits
This class examines the development of stories about King Arthur and his court in the medieval literary tradition, and it considers the tradition of Arthuriana that continues in present day popular adaptations. We ask why these stories resonate so strongly with audiences from the Middle Ages up to today and consider the ideas and social problems they explore. Literary criticism and scholarly research will inform student presentations and essays. Counts for European Studies minor, Gender Studies minor, and Medieval and Early Modern Studies minor.
Term(s) Offered: Fall, Non Conforming

ENG 303 Women Writers to 1800 4 Credits
Early women's writing, much of it highly popular when it was written, has a history of being forgotten. In this class, we explore texts authored by women from before 1800, from Europe, North Africa and the Middle East, Asia, and the Americas. Our readings provide ample material for exploring the role of gender in authorial identity, a wide variety of literary genres, the changing circumstances of literary production, and the contributions of women writers. The theoretical readings introduce you to generations of scholars who have preserved, studied, and championed this tradition.
Term(s) Offered: Fall, Non Conforming

ENG 320 The Eighteenth Century 4 Credits
Aladdin. Ali Baba. Djinns and genies. Scheherazade and the sultan. These characters and their spellbinding narratives all originate in the Arabian Nights, a transcultural text whose embedded stories remain arguably unparalleled in their world-making and whose popular circulation has been world changing. This course focuses on readings from the long eighteenth century, known as an Age of Enlightenment when philosophers and scientists emphasized reason, but also the period when Arabian Nights was translated into English and became a cultural phenomenon. Oriental tales often provide alternative ways of knowing that value magic, orality, and folk practices, and they will provide us with a lens for interrogating the hegemonic relation between the British Empire and its others. Harry Potter and its modern-day magic serves as a coda.
Term(s) Offered: Other, Non Conforming

ENG 321 Romanticism 4 Credits
The movement from the late eighteenth century to 1832 considered as a revolution in the aims and methods of poetry. Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats.
Term(s) Offered: All Terms, Non Conforming

ENG 322 The Victorian Age 4 Credits
Major poets, novelists, and essayists including Tennyson, Browning, Arnold, Rossetti, Carlyle, Newman, Mill, Pater, Bronte, and Gaskill will be studied in conjunction with the culture of the age of Victoria.
Term(s) Offered: Other, Non Conforming

ENG 323 The 19th Century English Novel 4 Credits
Major writers such as Jane Austen, Emily Bronte, Charlotte Bronte, Charles Dickens, George Eliot, and Thomas Hardy will be studied. Attention is given to the cultural and literary context of the novels.
Term(s) Offered: Other, Non Conforming

ENG 330 The Rise of Modernism 4 Credits
This course traces the rise of what we now call modernism beginning with the decadent movement at the end of the 19th century, its emergence during World War I, and its flourishing during the 1920s by reading a range of fiction, nonfiction, poetry, and drama by Henry James, Joseph Conrad, T.S. Eliot, H.D., James Joyce, Katharine Mansfield, Ezra Pound, Gertrude Stein, J.S. Synge, and Virginia Woolf among others.
Term(s) Offered: Other, Non Conforming

ENG 331 Modernism and Its Discontents 4 Credits
A study of the fiction, nonfiction, poetry and drama from the 1920s to the late 1930s paying close attention to the after effects of the experimentation of high modernism and how it, coupled with the rise of fascism and World War II, led to the fracturing of the movement and a return to more traditional prose and poetic structures. Writers include Djuna Barnes, Ernest Hemingway, James Joyce, Marianne Moore, Flann O'Brien, Jean Rhys, Virginia Woolf, and William Butler Yeats.
Term(s) Offered: Other, Non Conforming

ENG 332 Modern & Contemporary British Literature 4 Credits
This course covers a range of British and American writing from World War II and the retreat to realism in the 1950s through the postmodern turn and the current literary landscape. Writers include W.H. Auden, Samuel Beckett, Elizabeth Bowen, Angela Carter, Caryl Churchill, Graham Greene, Edna O'Brien, Graham Swift and Zadie Smith.
Term(s) Offered: Other, Non Conforming

ENG 333 James Joyce 4 Credits
This course focuses on the work of James Joyce, examining the forces-historical, sociopolitical, religious, artistic, and other-that helped shape his oeuvre. We take stock of Joyce's enduring legacy-his status as an author whose writing practices have reshaped ways of understanding the scope and nature of fiction itself-- will explore, from multiple perspectives, the situation of Joyce's work within the landscapes of modernist writing. The bulk of the class focuses on a close reading of the 18 episodes of his 1922 masterpiece, Ulysses.
Term(s) Offered: Other, Non Conforming

ENG 334 The Irish Short Story 4 Credits
The modern short story is part of an international tradition. The form is a relative newcomer to literature, and for various reasons that we will investigate, the Irish have taken to it with particular verve. Through lecture-discussions and response paper and essay assignments, the course teaches techniques for interpreting stories from the abundantly rich Irish imagination evident in its mythology and folklore to the modern agora of the written page. Writers include Maria Edgeworth, Elizabeth Bowen, Liam O'Flaherty, Frank O'Connor, Sean O'Faolain, Edna O'Brien, and William Trevor.
Term(s) Offered: Spring, Non Conforming

ENG 336 Postcolonial Literature 4 Credits
This course investigates the impact of British colonialism, national independence movements, postcolonial cultural trends, and women's movements on the global production of literary texts in English. Students read a diverse grouping of writers including Mulk Raj Anand, Kiran Desai and Salman Rushdie from India,Jamaica Kinkaid, Una Marson, and Sam Selvon from the Caribbean, as well as the Kenyan Nugugi Thiong'o and the Zimbabwean Tsitsi Dangarembga among many others. Careful attention is paid to ethnographic, geographic, and historical modes of understanding the multi-layered effects of colonialism and its' after effects.
Cross-listed as: Ilc336eng336
Term(s) Offered: Fall, Non Conforming

ENG 338 Narrative Journalism 4 Credits
A study of narrative journalism, what is required to tell a story thoroughly, and how to determine the best form for the story. Narrative journalism blends in-depth reporting and research, investigative journalism, first-person perspective, and narrative writing. Includes reading the genre, researching, reporting, writing, recording, giving constructive criticism, and revising.
Requisites: Pre or co-req: ENG 221
Cross-listed as: ENG 338/CMS 338
Term(s) Offered: Fall, Even Years

ENG 339 History of Journalism Ethics 4 Credits
Traces the history of journalism ethics through challenges to and practices of ethical journalism, as students research, report, present, analyze, write, and revise to demonstrate the knowledge they gain. Topics include yellow journalism, muckraking, new journalism, gonzo journalism, the use of anonymous sources, new new journalism, and fake news.
Requisites: Pre or co-req: ENG 221
Cross-listed as: ENG 339/CMS 339
Term(s) Offered: Spring, Odd Years

ENG 340 Women Writers From 1800 to the Present 4 Credits
Beginning with Jane Austen, Emily Dickinson, and George Eliot (Mary Ann Evans) in the nineteenth century and ending with Virginia Woolf, Adrienne Rich, and Zadie Smith in the 20th, this course covers a range of fiction, non-fiction, poetry, and drama by women up to the present. The course also introduces students to a range of feminist theory. Counts for Gender Studies minor.
Term(s) Offered: Spring, Non Conforming

ENG 341 Native American Literature 4 Credits
This course is a consideration of contemporary Native American prose and poetry. Most of the readings focus on twentieth-century works and their sources in Native American and European American cultural and literary traditions. Students consider how complicated the process of defining Native American literature can be; how works by native people relate to or depart from other ethnic American literatures; how indigenous speakers/writers respond to and resist colonialism; and how Native American perspectives and narratives continue today. Emphasis is placed on the use of Native American myths and images of the natural world in the texts.
Term(s) Offered: Other, Non Conforming

ENG 342 Children's & Young Adult Literature 4 Credits
This course involves the reading and study of literary texts by notable authors, with children and young adults as the major audience. We will explore literary elements, evaluation criteria, fiction, non-fiction, poetry, literature response in print media and the arts, classics, and contemporary works. This course provides opportunities to examine various forms of communication and interpretation, implementation of technology, and divergent thinking in order to assist those interested in children's and young adult literature to become more reflective and effective communicators. This is an MSDE-approved reading course.
Cross-listed as: ENG 342/EDU 354
Term(s) Offered: Spring, All Years

ENG 343 American Short Story 4 Credits
Irving, Hawthorne, Poe, Twain, Crane, James, Hemingway, Porter, and Sallinger are among the writers this course considers. The study is chronological and historical, placing emphasis upon the development of this genre.
Term(s) Offered: Spring, Non Conforming

ENG 345 The African American Novel 4 Credits
This course examines the origin and development of the African American novel. We begin with the earliest novels and conclude with an analysis of contemporary novels by African American writers. We examine novels from multiple genres and give careful attention to the intersection of race, gender, class and environment in representative novels of the 19th, 20th, and 21st centuries.
Cross-listed as: AMS 345/ENG 345
Term(s) Offered: All Terms, Non Conforming

ENG 347 American Environmental Writing 4 Credits
The study of writing from an environmental perspective is both an emerging field in literary criticism and a rich tradition in American literary history. What does it mean to be green from a literary point of view? This course explores that question in looking at classic and contemporary authors of American environmental writing, from Henry David Thoreau to Annie Dillard to recent examples of eco-criticism. Though the primary focus is on nonfiction prose, the traditional home of nature writing, the course also explores environmental perspectives in poetry, fiction, and film as well as cross-disciplinary connections with the natural sciences and social sciences.
Cross-listed as: ENG 347/AMS 347/ENV 347
Term(s) Offered: Fall, All Years

ENG 351 Introduction to Playwriting 4 Credits
Analysis and practical application of techniques and styles employed in writing for the stage.
Cross-listed as: ENG 351/THE 351
Term(s) Offered: Fall, Non Conforming

ENG 353 Contemp Am Literature : Living Writers 4 Credits
This course focuses on the study of American poetry, fiction, and nonfiction from 1945 to the present. (The course focuses on poetry one year, novels and short fiction the next, and nonfiction the next rotating among them.) Emphasis includes an examination of the work of major American poets or fiction writers of the past half-century. The course is structured in a way similar to a traditional offering in literature with this difference: some of the writers whose work is studied in class will at some time during the semester come to Washington College to visit the class, discuss their work with course participants, and give a public reading.
Term(s) Offered: Other, Non Conforming

ENG 354 Literary Editing & Publishing 4 Credits
The Rose O'Neill Literary House is home to Cherry Tree, a professional literary journal featuring poets, fiction writers, and nonfiction writers of national reputation and staffed by Washington College students. In this course, students receive hands-on training in the process of editing and publishing a top-tier literary journal. They analyze literary markets even as they steward into print work from the nation's most prestigious emerging and established writers. This class includes extensive research and discussion of nationally recognized literary magazines and covers topics such as a publication's mission statement, its aesthetic vision, and its editorial practices. This is a required course for all students who wish to join the editorial staff and be included on the masthead of Cherry Tree.
Term(s) Offered: Spring, All Years

ENG 360 Lit. of Eur Colonies of N Am & Early US 4 Credits
Although the course counts as pre-1800 for the English major, it focuses on the difference between other-than-modern culture in the North American Colonies and the early US, which will unconventionally be dated to extend from Christendom's (the continent didn't become Europe universally until roughly the seventeenth and eighteenth centuries) fifteenth- through eighteenth-century colonization of North America all the way through the US 1840s, and its modern and post-modern successor. In this course the reflexivity of modern and post-modern retrospect is continually emphasized. No matter how hard or for how long or by how many eminent modern and post-modern literary historians the past has been worked over to make the past seem familiar-the past as prelude to the present, to (mis)quote Shakespeare-in this course the past will always be (re)considered the proverbial foreign land. Counts for American Studies major.
Cross-listed as: ENG 360/AMS 360
Term(s) Offered: All Terms, Non Conforming

ENG 361 Literary Romanticism in U.S. I 4 Credits
Poe, Emerson, Thoreau, Stowe.
Term(s) Offered: Fall, Non Conforming

ENG 362 Literary Romanticism in the U.S. II 4 Credits
Hawthorne, Melville, Whitman, Dickinson.
Term(s) Offered: Spring, Non Conforming

ENG 363 Gilded Age & American Realism 4 Credits
This course examines key prose fiction of the Gilded Age of American literary history, and culture (roughly 1878 - 1901). Careful attention is given to various treatments of Big Business,' industrialization, urbanization, regionalism and social inequality in the work of Mark Twain, Stephen Crane, Kate Chopin, Frances E.W. Harper, Charles Chestnutt, and others.
Term(s) Offered: Spring, Odd Years

ENG 370 The Harlem Renaissance 4 Credits
This interdisciplinary seminar examines African American literature and intellectual thought of the 1920s and 1930s. Take this course and learn about different conceptualizations of the black aesthetic, and about the impact race, class, and gender had on key figures like Langston Hughes, Zora Neale Hurston, Nella Larsen, and Wallace Thurman.
Cross-listed as: ENG 370/AMS 370/CMS 370
Term(s) Offered: Other, Non Conforming

ENG 371 Faulkner & Modernism in U.S. 4 Credits
The course concentrates on the novels of Faulkner as exemplifying modernism.
Term(s) Offered: Other, Non Conforming

ENG 377 2PACalypse Now! 4 Credits
There's something about Heart Of Darkness -- neither the most readable nor the most teachable of books, even of Conrad's books. And there's something about Conrad, too, a native Pole for whom English was a third language, a third language that he evidently spoke so poorly that when conversing with his American literary friend Henry James they both reverted to what was for both of them a second language: French. The course tries to explore what it is that has attracted so many white male Anglophone intellectuals -- and prompted the condemnation of one African writer, the mockery of one black rapper, and perhaps, the rivalry of a prominent, brown, novelist -- over the more than hundred years now since the original publication of Heart of Darkness in 1899 in England in Blackwood's Magazine. Class texts include Conrad's novella, Coppola's Apocalypse Now, Tupac's TUPAcalypse Now, Faulkner's Absalom, Absalom! (which contains a prominent allusion to Heart of Darkness), Chinua Achebe's essays, V.S. Naipul's A Bend in the River, a sampling of the blizzard of journalistic quotations of the novel's title and of its most famous, four-word, speech, plus some theorizings of race and gender that might shed light on why the book has managed to appeal so strongly to a relatively homogenous cohort of readers and adaptors.
Cross-listed as: ENG 377/AMS 377
Term(s) Offered: Fall, Non Conforming

ENG 385 Literature and Landscape 1-4 Credits
This course is attached to the Kiplin Hall Summer Program. Literature connected to specific landscapes in Yorkshire and the Lakes will be studied in conjunction with first hand experience of those landscapes by foot.
Term(s) Offered: Summer, All Years

ENG 390 English Internship 4 Credits
Internships in the English Department serve to give focus to a student's prospective employment in the world beyond Washington College, and they aim to integrate and develop the writing, thinking, and communicative skills acquired while completing an English Major, Creative Writing minor, or Journalism, Editing & Publishing minor. The specific conditions related to each internship will be developed among the faculty advisor, the representative of the institution offering the internship, and the student.
Term(s) Offered: All Terms, All Years

ENG 393 Journalism Practicum 2 Credits
This practicum for The Elm teaches basic news reporting and writing - the who, what, when, where, why & how of story organization; getting quickly to the point; conciseness; straightforward exposition; accuracy, fairness and balance, and ethical issues.
Term(s) Offered: All Terms, All Years

ENG 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ENG 396 Off-Campus Research 4 Credits
An individual research project chosen by the student in consultation with a faculty mentor. The student, with the help of the mentor, design a project to be implemented during a one- or two-semester period or during the summer. Students conduct an appropriate literature search, carry out the research, and submit a written report by the end of each semester. Students may earn up to 4 credits for summer research for a maximum of eight credits. Graded A-F.
Term(s) Offered: Other, Non Conforming

ENG 397 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ENG 400 Junior Seminar 4 Credits
Junior Seminar fulfills the English department's W3 (Writing in the Discipline) writing program requirement. In this course you focus your attention on the methods and modes of writing and critical thinking specific to literary studies. While our main question is, in effect, what does literary study look like today?, we break that question down into its potentially infinite subsets, including questions surrounding what literary study should look like, what literary critics can do with texts, what texts do to literary critics, and how we can conceive of criticism as both a vocation and as a transferable skill. This course builds on the knowledge and skills you learned in your W1 and W2 courses, and helps you transition to the work you will need to complete for the W4 requirement (i.e., the Senior Capstone Experience). You practice developing research questions and assessing the applicability and relevance of different research methods, thus providing a foundation for developing compelling SCE projects, which you will be undertaking in the final year of your studies as an English major. In addition, we have aligned the Junior Seminar with Sophie Kerr programming in the fall, inviting scholars and writers to visit campus and join the class.
Term(s) Offered: Fall, All Years

ENG 452 Creative Writing Workshop: Fiction 4 Credits
This workshop offers guided practice in the writing short fiction. Using established writers as models, considerable effort is put toward the objective of learning to read as writers and, in the process, becoming better critics of the student's own work and the work of others in the group. By offering a more intimate familiarity with the elements of fiction, students write and revise prodigiously and, in the process, learn and practice a repertoire of literary strategies in preparation and in support of short stories of their own composition.
Requisites: Pre-req: ENG 103
Term(s) Offered: Other, Non Conforming

ENG 453 Creative Writing Workshop: Poetry 4 Credits
This course builds upon student's previous training in the workshop, asking them to hone their skills not only as writers but also as readers and critics of poetry. Using recently released, debut collections as role models, students will address concepts of diction, the line and line break, figurative language, imagery, rhyme, meter, and narrative. Assignments will include drafting new poems, performing close readings of published texts, and facilitating class discussions.
Requisites: Pre-req: ENG 103
Term(s) Offered: Other, Non Conforming

ENG 454 Creative Writing Workshop : Nonfiction 4 Credits
In this upper-level nonfiction writing workshop, students explore the diversity of nonfiction forms in a kind of writing which combines elements of journalism, such as the feature article, with elements of the literary, such as the personal essay. In essence this course treats the various forms of the essay with a special emphasis on the creative ways the genre can be interpreted and rewritten. Readings of representative essays are included. Counts for Creative Writing minor and Journalism, Editing, & Publishing minor.
Requisites: Pre-req: ENG 103
Term(s) Offered: Other, Non Conforming

ENG 460 Book History & American Print Culture 4 Credits
This course surveys the interdisciplinary field of book history, with an emphasis on American print culture from the nineteenth century to the present. Students explore topics related to the creation, publication, dissemination and reception of American print communication (e.g., books, periodicals, and newspapers). Students also learn and practice advanced research methods used by literary historians and print culture scholars.
Cross-listed as: CMS 460/ENG 460
Term(s) Offered: Other, Odd Years

ENG 470 Toni Morrison 4 Credits
This course focuses on the works of Toni Morrison, the first African American and the eighth woman to receive the Nobel Prize in Literature. Students study the important motifs, tropes and themes of Morrison's writings, including her notable critical essays and short fiction. Students become well versed in Morrison's writings and develop an understanding of various contemporary critical approaches used to interpret her work. Counts for Black Studies minor and American Studies major.
Cross-listed as: ENG 470/AMS 470
Term(s) Offered: Fall, Non Conforming

ENG 471 Black Men & Women: Images 4 Credits
This course examines black masculinity and femininity in American literature, print culture, and the media. The course is structured around stereotypes like the Mammy, the Black Minstrel, the Jezebel, and the Black Menace. At the beginning of each unit, students practice reading stereotypical images of black men and women shown in print and non-print materials. Students read and analyze the treatment of the stereotype in a literary text. We also read and respond to critical secondary sources by literary scholars and cultural intellectuals. By the end of this course, students should be able to understand and critically analyze: the origins of different stereotypical images of black men and women; the way in which these images have influenced the literary imagination of 20th and 21st century African American authors; the notions of sex/sexuality, humor, violence, Black Power and Black Cool in African American literature. Counts for the American Studies major, Black Studies minor, and Communication and Media Studies major.
Term(s) Offered: Spring, Non Conforming

ENG 490 English Internship 4 Credits
Internships in the English Department serve to give focus to a student's prospective employment in the world beyond Washington College, and they aim to integrate and develop the writing, thinking, and communicative skills acquired while completing an English Major, Creative Writing minor, or Journalism, Editing & Publishing minor. The specific conditions related to each internship will be developed among the faculty advisor, the representative of the institution offering the internship, and the student.
Term(s) Offered: All Terms, All Years

ENG 493 Journalism Practicum 2 Credits
The practicum has traditionally been attached to The Elm, but now welcomes any student working or interning on any campus publication! Over the course of a year, you'll learn the basics of publication reporting and writing-the who, what, when, where, why & how of story organization; getting quickly to the point; conciseness; straight forward exposition; accuracy; fairness and balance, and ethical issues. Students also receive one-on-one feedback about their articles from the instructor. The practicum is 2 credits, pass/fail only. Students may nor earn more than 4 credits for ENG 393, ENG 394 and may not count more than four journalism practicum credits towards the major in English. Counts for the Journalism, Editing & Publishing minor.
Term(s) Offered: Spring, All Years

ENG 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ENG 497 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Creative Writing Minor

Department of English
Division of Humanities and Fine Arts

Budding writers find the creative writing community at Washington College inviting and full of opportunities to practice their craft. The minor in creative writing offers a carefully planned curriculum designed to foster the young writer's creative expression—guidance that is significantly enhanced by exposure to the voices and visions of some of the finest poets and fiction writers in the country. Each year, thanks to the endowment of the Sophie Kerr Fund, the College brings to campus a succession of distinguished writers, editors, and literary scholars. Billy Collins, Junot Díaz, Nick Flynn, Jonathan Franzen, Neil Gaiman, Lauren Groff, Ted Kooser, Li-Young Lee, Colum McCann, Azar Nafisi, Maggie Nelson, Joyce Carol Oates, Claudia Rankine, Jane Smiley, Natasha Trethewey, Colson Whitehead, and Jacqueline Woodson are just some of the writers and literary scholars who have come to campus in the last decade to teach, lecture, and conduct writing workshops.

The Sophie Kerr Endowment also supports the justly famous Sophie Kerr Prize (almost $70,000 in 2022, the largest undergraduate literary prize in the country), as well as student scholarships and grants, library collection development, and professional development for English Department faculty. The Literary House supervises about 100 learning opportunities and internships for students, as well as providing a space where students can explore the letterpress and bookmaking in the print studio.

Creative Writing Minor Requirements

The Creative Writing Minor requires successful completion of six courses and attendance at six literary events

Code	Title	Credits	Notes
Gateway Courses		**4**	_____
ENG 103	Introduction to Creative Writing		_____
Select 1 Course From Below		**4**	_____
ENG 220	Introduction to Fiction		_____
ENG 221	Introduction to Nonfiction		_____
ENG 222	Introduction to Poetry		_____
ENG 223	Introduction to Drama		_____
Select 1 Literature Course From Below		**4**	_____
ENG 301	Chaucer		_____
ENG 302	Arthurian Literature		_____
ENG 303	Women Writers to 1800		_____
ENG 320	The Eighteenth Century		_____
ENG 321	Romanticism		_____
ENG 322	The Victorian Age		_____
ENG 323	The 19th Century English Novel		_____
ENG 330	The Rise of Modernism		_____
ENG 331	Modernism and Its Discontents		_____
ENG 332	Modern & Contemporary British Literature		_____
ENG 336	Postcolonial Literature		_____
ENG 340	Women Writers From 1800 to the Present		_____
ENG 341	Native American Literature		_____
ENG 342	Children's & Young Adult Literature		_____
ENG 343	American Short Story		_____
ENG 345	The African American Novel		_____
ENG 347	American Environmental Writing		_____
ENG 353	Contemp Am Literature : Living Writers		_____
ENG 360	Lit. of Eur Colonies of N Am & Early US		_____
ENG 361	Literary Romanticism in U.S. I		_____
ENG 362	Literary Romanticism in the U.S. II		_____
ENG 363	Gilded Age & American Realism		_____
ENG 370	The Harlem Renaissance		_____
ENG 371	Faulkner & Modernism in U.S.		_____
ENG 377	2PACalypse Now!		_____

ENG 460	Book History & American Print Culture		_____
ENG 470	Toni Morrison		_____
ENG 471	Black Men & Women: Images		_____
ENG 394/394	Special Topics (Relevant Literature Course)		_____
Select Option A or Option B		**12**	_____
Option A - Select 3 Workshop Courses below			_____
Option B - Select 2 Workshop Courses below and either ENG 354 or 4 credits of approved Internships (ENG 390/ENG 490)			_____
ENG/THE 351	Introduction to Playwriting		_____
ENG 452	Creative Writing Workshop: Fiction		_____
ENG 453	Creative Writing Workshop: Poetry		_____
ENG 454	Creative Writing Workshop : Nonfiction		_____
ENG 394/494	Special Topics (or other pertinent special topics courses with the approval of the Director)		_____
Complete 6 Literary Events [1]			_____
Total Credits		**24**	_____

[1] Attendance at six college literary events. Students should sign the official attendance form online to be credited with attendance.

Students majoring or minoring in another English program (English major, Journalism, Editing & Publishing minor) may only double-count two courses (eight credits).

Advising note

Students may count up to two courses (8 credits) toward multiple programs in the English department (i.e., toward the English major, Creative Writing minor, and/or Journalism, Editing & Publishing minor).

Sean Meehan, Director
James Allen Hall
Roy Kesey

Major

- English Major (p. 106)

Minor

- Creative Writing Minor (p. 104)
- English Minor (p. 108)
- Journalism, Editing and Publishing Minor (p. 109)

English Major

Department of English (p. 96)
Division of Humanities and Fine Arts

The major in English is the study of the arts of literature. Although the emphasis is on critical analysis of great works, students will also gain an understanding of the historical development of literature written in English. **Every semester, you have the freedom to choose the courses that interest you most, with no required sequences of classes!** Students who major in English at Washington College:

- Indulge their passion for reading and writing
- Benefit from small class sizes and lively discussions
- Become part of a vibrant community of scholars and writers
- Complete flexible course requirements that prepare them for a wide-variety of career options, including writing, editing, teaching, law, and advertising, just to name a few possibilities

English Major Requirements

The English major is the study of the arts of literature and the craft of writing. The English major requires a total of 13 courses, including the SCE, in the following areas:

Code	Title	Credits	Notes
Introductory Courses (3 courses chosen from ENG 100 or any 200-level course)		**12**	_____
1 History Survey at 200-Level			_____
ENG 101 or ENG 200 Level			_____
ENG 200 Level			_____
Select 3 Pre-1800 Literature Courses From Below		**8**	_____
ENG 301	Chaucer		_____
ENG 302	Arthurian Literature		_____
ENG 303	Women Writers to 1800		_____
ENG 320	The Eighteenth Century		_____
ENG 360	Lit. of Eur Colonies of N Am & Early US		_____
ENG 394	Special Topics (in pre-1800 Lit)		_____
or ENG 494	Special Topics		_____
Select 3 Post-1800 Literature Courses From Below		**8**	_____
ENG 321	Romanticism		_____
ENG 322	The Victorian Age		_____
ENG 323	The 19th Century English Novel		_____
ENG 330	The Rise of Modernism		_____
ENG 331	Modernism and Its Discontents		_____
ENG 332	Modern & Contemporary British Literature		_____
ENG 336	Postcolonial Literature		_____
ENG 340	Women Writers From 1800 to the Present		_____
ENG 341	Native American Literature		_____
ENG 342	Children's & Young Adult Literature		_____
ENG 343	American Short Story		_____
ENG 347	American Environmental Writing		_____
ENG 353	Contemp Am Literature : Living Writers		_____
ENG 361	Literary Romanticism in U.S. I		_____
ENG 362	Literary Romanticism in the U.S. II		_____
ENG 363	Gilded Age & American Realism		_____
ENG 370	The Harlem Renaissance		_____
ENG 371	Faulkner & Modernism in U.S.		_____
ENG 377	2PACalypse Now!		_____
ENG 460	Book History & American Print Culture		_____
ENG 470	Toni Morrison		_____
ENG 471	Black Men & Women: Images		_____
ENG 394	Special Topics		_____
or ENG 494	Special Topics		_____
Upper-Level Electives [2]		**12**	_____
300, 400 Level ENG			_____
300, 400 Level ENG			_____
Additional Required Courses		**6-8**	_____
ENG 400	Junior Seminar [3]		_____

ENG SCE	Senior Capstone Experience (2-4 credits)		_____
Total Credits		**46-48**	_____

1 (Students who matriculated prior to Fall 2021 may count ENG 205 Shakespeare I/ENG 206 Shakespeare II as pre-1800 literature courses instead of 200-level courses.)
2 Electives can include up to 4 credits of internships of experiential learning. Up to 2 upper-level Creative Writing workshops may count here.
3 For transfer students with AA degrees, Junior Seminar may be taken either fall o junior year or fall of senior year.

English Major with Education Studies Minor

Students interested in teaching English on the secondary school level may combine the Education Studies minor with the English major. The requirements for the English major are the same, with two differences for these students:

EDU 315 Traditional & Modern Grammar is taken as an upper-level elective

ENG 342 Children's & Young Adult Literature is taken as a post-1800 literature upper-level course

Aspiring teachers should review the checklist on the English department website, follow all guidelines for the Education Studies minor, including courses that count for Social Science distribution requirements, and abide by additional requirements for teacher certification.

Advising note

Students may count up to two courses (8 credits) toward multiple programs in the English department (i.e., toward the English major, Creative Writing minor, and/or Journalism, Editing & Publishing minor).

Major

- English Major (p. 106)

Minor

- Creative Writing Minor (p. 104)
- English Minor (p. 108)
- Journalism, Editing and Publishing Minor (p. 109)

Certificate

- Secondary Education Certification Program (p. 94)

English Minor

Department of English (p. 96)
Division of Humanities and Fine Arts

The minor in English is the study of the arts of literature. Although the emphasis is on critical analysis of great works, students will also gain an understanding of the historical development of literature written in English. **Every semester, you have the freedom to choose the courses that interest you most, with no required sequences of classes!** Students who minor in English at Washington College:

- Indulge their passion for reading and writing
- Benefit from small class sizes and lively discussions
- Become part of a vibrant community of scholars and writers
- Complete flexible course requirements that prepare them for a wide-variety of career options, including writing, editing, teaching, law, and advertising, just to name a few possibilities

English Minor Requirements

Total required courses: six courses (24 credits)

Code	Title	Credits	Notes
Gateway 2 courses required [1]		**8**	_____
ENG 101	Literature and Composition		_____
or ENG 103	Introduction to Creative Writing		_____
ENG 200- Level			_____
ENG Upper-Level Courses [2]			_____

300, 400 Level	4	_____
300, 400 Level	4	_____
300, 400 Level	4	_____
300, 400 Level	4	_____
Total Credits	**24**	_____

1 All ENG 200- courses count as lower-level courses for the minor.

2 May use 4 Internship credits from ENG 190 English Internship, ENG 290 English Internship, ENG 390 English Internship, ENG 490 English Internship. May also use 1 Creative Writing Workshop 300- or 400- level.
Students may complete ENG 400 Junior Seminar in Fall Junior Year, but it is not required.

Students may count up to two courses (8 credits) toward multiple programs in the English department: English major, Creative Writing minor, Journalism, Editing & Publishing minor.

Major

- English Major (p. 106)

Minor

- Creative Writing Minor (p. 104)
- English Minor (p. 108)
- Journalism, Editing and Publishing Minor (p. 109)

Journalism, Editing and Publishing Minor

Department of English
Division of Humanities and Fine Arts

Students interested in the fields of journalism and editing & publishing are invited to deepen their understanding and practice a range of applicable skills within the classroom. Whether through interviewing members of the College community for news stories in Intro to Journalism or learning how to screen poetry submissions in Literary Editing and Publishing, students will develop and strengthen the essential skills of critical thinking, analysis, and synthesis. Furthermore, the minor will foster increased creativity and clarity of expression through a study of writing in a range of different styles and modes. The minor should appeal not only to English majors but also to Communications majors as well as to a host of students majoring in the humanities, social sciences, and even the natural sciences.

The Sophie Kerr Endowment supports the justly famous Sophie Kerr Prize (almost $70,000 in 2022, the largest undergraduate literary prize in the country), as well as student scholarships and grants, library collection development, and professional development for English Department faculty. The Literary House supervises over 50 learning opportunities and internships for students, as well as provides a space where students can explore letterpress and bookmaking in the print studio.

Journalism, Editing & Publishing Minor Requirements

Total required courses: six (22-24 credits), attendance at literary events.

Code	Title	Credits	Notes
Select 2 Gateway Courses From Below		**8**	_____
CMS 101	Intro to Communication & Media Studies		_____
ENG 101	Literature and Composition		_____
ENG 103	Introduction to Creative Writing		_____
ENG 201	The Art of Rhetoric		_____
ENG 221	Introduction to Nonfiction		_____
ENG 224	Introduction to Journalism		_____
Three (3) advanced courses		**12**	_____
ENG 338	Narrative Journalism		_____
ENG 353	Contemp Am Literature : Living Writers		_____
ENG 354	Literary Editing & Publishing		_____
ENG 454	Creative Writing Workshop : Nonfiction		_____

ENG 394	Special Topics (Special Topics in Journalism and Publishing)		_____
or ENG 494	Special Topics		_____
Students can take one (1) of the following to satisfy the following to satify the above requirement			_____
ANT 420	Media and Power		_____
BUS 224	Digital Marketing		_____
BUS 351	Advertising		_____
BUS 352	International Marketing		_____
POL 334	Media and Politics		_____
SOC 294	Special Topics (Approved Courses like Media & Society)		_____
Internship		**2-4**	_____
ENG 390	English Internship (One 2-4 credit internship focused on Journalism or Editing & Publishing can be completed either on or off campus during either the academic year or the summer)		_____
or ENG 490	English Internship		_____
Events			_____
Attendance at 6 Literary Events [3]			_____
Total Credits		**22-24**	_____

1 Students would also be allowed to take 1 class on the media from Anthropology (ANT 420 Media and Power), Political Science (POL 334 Media and Politics), Sociology (SOC 294 Special Topics) or a related discipline with permission of the Chair.

2 One 2-4 credit internship, ENG 390 English Internship/ENG 490 English Internship focused on Journalism or Editing & Publishing can be completed either on or off campus during either the academic year or the summer.

3 Attend Six Literary Events. Students are required to sign the official attendance form online in order to be credited with attendance.

Students may count up to two courses (8 credits) toward multiple programs in the English department (i.e., toward the English major, Creative Writing minor, and/or Journalism, Editing & Publishing minor).

Elizabeth O'Connor, Director
Katie Charles
James Allen Hall
Sean Meehan

Major

- Communication and Media Studies Major (https://catalog.washcoll.edu/catalog/interdisciplinary/communication-media-studies-major/)
- English Major (p. 106)

Minor

- Communication and Media Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/communication-media-studies-minor/)
- Creative Writing Minor (p. 104)
- English Minor (p. 108)
- Journalism, Editing and Publishing Minor (p. 109)

Environmental Science & Studies

Division of Natural Sciences and Mathematics

Washington College, located between the Chesapeake Bay and the Atlantic beaches, is in a unique location to study the interactions of humans and the environment. Washington College students can use the Chesapeake Bay region—its farms and waterways, its history and culture, its people and their environmental concerns—as a learning laboratory. The Chester River, a tributary of the Chesapeake Bay, is at Washington College's back door. Students can study the river by using the flow through system at Semans-Griswold Environmental Hall to bring the river into the lab or by going out on

the Research Vessel Callinectes. In addition, the River and Field Campus (RAFC) allows access to wetlands, forests, grasslands, agricultural areas, and the college's Chester River Field Research Station and Foreman's Branch Bird Observatory.

Students can pursue an Environmental Science major (B.S.) or an Environmental Studies major (B.A.), or an Environmental Studies minor. Both majors are interdisciplinary, preparing students to critically analyze and investigate potential solutions to local, regional, and global environmental issues, whether it is the revival of a depleted fishery, the impact of toxins, land use management in the Chesapeake Bay watershed, loss of biodiversity, or climate change. The Environmental Science major focuses on interdisciplinary scientific study of interactions of humans and the environment. While the Environmental Studies major is broader in perspective; using courses in the humanities and the social sciences, as well as the natural sciences.

Advanced Placement credit for ENV 101 Intro to Environmental Studies with Lab/ENV 102 Intro to Environmental Studies Lab is allowed, with a score of 5 or higher, on the Environmental Science AP exam.

The Department also offers the Earth and Planetary Science minor (https://catalog.washcoll.edu/catalog/interdisciplinary/earth-planetary-science-minor/), which provides students with a broad understanding of processes that formed and modified the Earth and other planets in the solar system. The curriculum introduces a wide range of topics, from surface phenomena such as weather and climate, to the Earth's internal composition and dynamics.

Research and Internships

Experiential learning is at the heart of the curriculum for the environmental science or studies major. Although not required for the major, internships and research opportunities help students directly apply the insight, theory, and research methodology they learn in class. The College sponsors 8-10 week summer research projects in the fields of biology, chemistry, computer science, environmental science, environmental studies, psychology, and physics. Internships and research projects outside of the natural sciences are also encouraged. Students of environmental studies and science frequently participate in internship and hands-on learning opportunities through the Center for Environment and Society (CES). In addition, many environmental science and studies students have completed internships with many organizations, such as the Chesapeake Bay Foundation in Annapolis, the National Oceanic and Atmospheric Administration, the Smithsonian Environmental Research Center, the University of Maryland Center for Environmental Science in Cambridge and the Maryland Department of Natural Resources.

Summer Field Courses

The Department of Environmental Science and Studies regularly leads summer courses abroad. The Bermuda Environment (ENV 221 The Bermuda Environment) is based at the Bermuda Institute of Ocean Sciences in St. George's. In field trips, lectures, and labs, students study the ecology and history of the island, exploring cave systems, coral reefs and much more. Environmental Studies in Ecuador, jointly run with the Universidad de San Francisco de Quito, takes participants through a variety of ecosystems, from the Pacific coast and highlands to the rain forests of the Amazon, and to the Galapagos Islands. These trips allow students to relate their coursework to new parts of the world, to meet professionals and students from other countries, and to see a wide variety of ecosystems and related social systems. ENV 222 Summer Env. Studies Ecuador, a three-week-long summer course offered in conjunction with the Universidad San Francisco de Quito, investigates many of the world's most distinctive species of plants and animals found in the richly diverse ecosystems of Ecuador. Students gain an understanding of Ecuador's social and economic issues and the challenges it faces as a developing country while attempting to conserve its natural resources. Topics investigated include conservation of the Amazon rainforest and oil exploration, ecotourism, biodiversity concerns, mangrove conservation and the fate of Galapagos tortoises and the Galapagos fisheries.

Social Science Distribution Requirements

Students who elect to use Environmental Science and Studies to fulfill their Social Science distribution requirement with only one course from this department can choose to take ENV 117 Intro Env & Natural Resource Economics. If students want to fulfill their Social Science distribution requirement with two paired courses, they may take ECN 111 Principles of Macroeconomics or ECN 112 Principles of Microeconomics and ENV 117 Intro Env & Natural Resource Economics as two courses from Economics (see the Economics Major).

- Environmental Science Major (BS) (p. 117)
- Environmental Studies Major (BA) (p. 119)
- Environmental Studies Minor (p. 122)

Jillian Bible, Chair
Angela Chuang
Rebecca Fox
Karl Kehm, Director, Earth and Planetary Science Minor
Joseph Milligan
Brian Scott
Leslie Sherman

ENV SCE Senior Capstone Experience 2-4 Credits
Every environmental science and environmental studies major is required to complete a Senior Capstone Experience (SCE). Students enroll in the four-credit SCE course during their final semester, although students must begin work on their SCE during the previous semester. The SCE can take the form of a laboratory or field research project, monograph, or service learning project. Selection of the nature of the SCE is based upon discussion with Environmental Science and Studies faculty, and requires the approval of the department Chair. The SCE is graded pass-honors, pass, or fail for students who meet all deadlines. Students not meeting all deadlines are graded with letter grades, with B+ as the highest possible grade. Grading will be based on joint evaluation of the SCE by Environmental Science and Studies faculty.
Term(s) Offered: All Terms, All Years

ENV 101 Intro to Environmental Studies with Lab 4 Credits
This course is an introduction to the discipline of environmental studies. A multidisciplinary view of human responsibility toward the natural world is emphasized, focusing on significant contemporary environmental issues. Topics covered include environmental literature (both historical and current), economic and ethical environmental concerns, scientific methods of assessment and analysis of environmental problems, and possible solutions to representative environmental problems. The laboratory/recitation section is used for field trips, data collection, demonstrations, and discussions. This course is a prerequisite for all upper-level ENV courses. The course should be completed by the end of the sophomore year if it is going to be counted toward the major.
Term(s) Offered: Fall, All Years
Fees: $25 Lab Fee

ENV 102 Intro to Environmental Studies Lab 0 Credits
This is the lab for the Introduction to Environmental Studies lecture (ENV 101). The lab occurs both inside the lab and outside in the field and consists of field trips, data collection, data analysis, and discussions.

ENV 107 Intro to Environmental Archaeology 4 Credits
Exploration of the variety of past human societies and cultures through archaeology, with an emphasis upon the interplay between environment and culture. The course covers a wide time span, from the biological evolution of hominids and the origins of culture to the development of complex civilizations and the more recent historical past.
Cross-listed as: ANT 107/ENV 107
Term(s) Offered: All Terms, All Years

ENV 109 Intro to Geographic Information Systems 4 Credits
Geographic Information Science and Technologies (GIS&T) is a multidisciplinary field focused on the theories, methodologies, and tools for collecting, analyzing, and visualizing spatial data. It has applications in environmental science, urban planning, disaster management, public health, agriculture, transportation, real estate, utilities, telecommunications, sociology, archaeology, and geography. Professionals in academia, business, and government use GIS&T to manage and analyze extensive spatial datasets, enabling real-time navigation, optimizing routing, facilitating safe navigation for self-driving cars, tracking wildlife migration, constructing 3D urban models, and providing insights for anthropological studies and traffic safety. This course covers fundamental GIS concepts, data input, models, spatial analysis, and data output, balancing theory with hands-on lab exercises and student-led projects. Students gain practical experience with ArcGIS Pro, a popular GIS software technology. By completing this introductory course, students will build core competencies, understand basic GIS concepts, technical issues, and applications; learn how GIS contributes to their academic studies and its unique importance; know the issues involved in obtaining, evaluating, implementing, and managing GIS data and projects; understand the technical language of GIS; and gain practical experience using ArcGIS Pro.
Cross-listed as: ANT 109/ENV 109
Term(s) Offered: Other, Non Conforming

ENV 110 Chemistry of the Environment with Lab 4 Credits
An introductory course focusing on the chemical dimensions of current environmental problems such as global warming, ozone depletion, water and soil contamination, and non-renewable fuel consumption. Fundamental principles of chemical bonding, equilibrium and kinetics are studied as they arise in connection with each environmental issue. Interdisciplinary aspects are explored to further understand the multiple dimensions of the problems. Intended for students planning to major outside the sciences.
Cross-listed as: CHE 110/ENV 110
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

ENV 115 Environmental Education Field Experience 1 Credit
This one-credit fieldwork course consists of a minimum of 20 hours of off-campus supervised experiences with organizations that emphasize the overlap between the environment and education. Students observe, reflect upon, and participate in outreach and education duties at a local park, nature center, outdoor school, or other environmental agency.
Cross-listed as: ENV 115/EDU 115
Term(s) Offered: Fall, All Years

ENV 117 Intro Env & Natural Resource Economics 4 Credits
Environmental and natural resource economics focuses on the economic sources of environmental problems and natural resource use in a market economy and the evaluation of the alternative policies for dealing with these problems. This analysis extends to the examination of regional issues (local air and water pollution, recycling programs, and fisheries) and global issues (climate change and waste disposal). The course is intended for students not planning to major in economics.
Term(s) Offered: Spring, All Years

ENV 137 Culture & Environments of the Chesapeake 4 Credits
An examination of prehistoric and historic societies in the Chesapeake Region. Archaeological, historical, and environmental evidence is used to understand cultural development and the relationships between people and their environment. Topics include the arrival of humans in the region, Native American groups, colonial settlement in the Tidewater, and the 19th Century.
Cross-listed as: ANT 137/ENV 137
Term(s) Offered: Spring, All Years

ENV 140 Exploring the Solid Earth with Lab 4 Credits
This course investigates the composition, structure, and dynamics of the solid Earth. The course reviews prominent theories for the origin of matter, the accretion and differentiation of the planets, and the structure of the Earth's interior. The role of plate tectonics in driving the exchange of matter and energy between Earth systems is a central theme of the course, providing the theoretical context for understanding geological phenomena such as seismic activity, volcanism and mountain building. The course is designed to provide the necessary scientific and intellectual background for understanding a wide range of Earth phenomena, and to give students a greater appreciation for the origin and evolution of their planet.
Term(s) Offered: Other, Non Conforming
Fees: $25 Lab Fee

ENV 141 Atmosphere, Ocean & Environment w/Lab 4 Credits
This course examines processes and features that characterize the Earth's surface. The course focuses on the major Earth systems of land (lithosphere), air (atmosphere), and water (hydrosphere) and explores how these systems evolve and interact through geologic time. Examples include studying global air circulation and its effect on weather, examining links between ocean currents and global climate, and exploring how stream processes help to shape landscape. The role of plate tectonics in driving the exchange of matter and energy between Earth's systems is also a central theme. The course is designed to provide the necessary scientific and intellectual background for understanding a wide range of Earth phenomena, and to give students a greater appreciation for the natural environment.
Requisites: Pre-req: ENV 101 or ENV 140
Term(s) Offered: Other, Non Conforming
Fees: $25 Lab Fee

ENV 190 Environmental Studies Internship 1-2 Credits
Students earn credit for pursuing a full-time internship outside of WC. Students must apply through the WC internship office and find a WC advisor and an on-site advisor. Participants produce a final paper, poster or video detailing the findings of their work. Internships must first be approved by the Chair of the Department. 1 or 2 credits. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

ENV 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: Other, Non Conforming

ENV 210 Environmental Chemistry with Lab 4 Credits
The cycling of natural chemical species and pollutants in the water, soil and air of our earth system is a major component of our complex ecosystem. In this environmental chemistry course, we develop an understanding of the transport and reactions controlling natural chemical species in our environment, as well as the cycling of pollutants. We focus primarily on current issues of water, soil and air pollution and study how scientists are cleaning up currently polluted sites, such as through bioremediation, and then look forward to how society is working towards reducing the movement of pollutants through our environment. In the laboratory portion of the class, we investigate the water quality of local water bodies, including the Chester River, as well as conduct hands-on experiments to the environmental issues studied in class.
Requisites: Pre-req: CHE 120 and CHE 220
Cross-listed as: CHE 210/ENV 210
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

ENV 211 Intermediate Geographic Info Systems 4 Credits
This second course in geographic information systems builds upon the theories discussed in introduction to Geographic Information Systems, and focuses on the more technical aspects of GIS. Laboratory activities teach the student to use more advanced functions of GIS software, and the fundamentals of advanced GIS analysis and display programs. The student will also learn to operate a precision GPS field data collector.
Requisites: Pre or co-req: ANT 109 or ENV 109
Term(s) Offered: Fall, Non Conforming

ENV 221 The Bermuda Environment 4 Credits
This summer course investigates the complex marine ecology of the Bermuda Islands, the impact of human habitation and tourism on the natural history, and current environmental concerns and means of mitigating those concerns. Students study the geology of Bermuda, biogeography and colonization, coral reef ecology, sponge and sea grass ecology, culture and history of Bermuda and its major towns, and the environmental impacts of people living on and visiting such a small area of islands.
Requisites: Pre or co-req: BIO 111, BIO 112, or ENV 101
Cross-listed as: BIO 221/ENV 221
Term(s) Offered: Summer, Odd Years

ENV 222 Summer Env. Studies Ecuador 4 Credits
This three-week-long summer course, offered in conjunction with the Universidad San Francisco de Quito, investigates many of the world's most distinctive species of plants and animals found in the richly diverse ecosystems of Ecuador. Students gain an understanding of Ecuador's social and economic issues and the challenges it faces as a developing country while attempting to conserve its natural resources. Topics investigated include conservation of the Amazon rainforest and oil exploration, ecotourism, biodiversity concerns, mangrove conservation and the fate of Galapagos tortoises and the Galapagos fisheries.
Requisites: Pre or co-req: ENV 101
Term(s) Offered: Summer, Even Years

ENV 240 Earth and Planetary Systems with Lab 4 Credits
This course features a detailed examination of the unique interaction between the Earth's geosphere, biosphere, hydrosphere and atmosphere, and how these systems contrast with those of the other planets in the solar system. The course includes a lecture and an integrated lab component. The lecture discussion and reading emphasizes the history of Earth systems, from the birth of the solar system and differentiation of the Earth, to the emergence of biological life, chemical evolution of the modern atmosphere, and the changes to the Earth's climate, ocean and lithosphere throughout geologic history. The lab introduces students to important tools in Earth Science research, including radiometric dating, chemical studies of natural materials, remote sensing and data base analysis. The course provides advanced students with the necessary scientific and intellectual background for pursuing further studies in Earth and planetary science, geography, and environmental studies.
Requisites: Pre or co-req: ENV 140 and ENV 141
Cross-listed as: PHY 240/ENV 240
Term(s) Offered: Other, Non Conforming

ENV 241 Environmental Art 4 Credits
This seminar course introduces students to the basic concepts of environmental art through a series of environmental art projects made both inside and outside, in the field. The curriculum centers on deepening student awareness of how a range of materials, spaces, and approaches can be used to make environmental art projects. The course explores both individual and collaborative strategies. Students engage in creative work and basic environmental research, supported by related class discussions and critiques. Readings and screenings about environmentally engaged artists coincide with creative projects.
Requisites: Pre or co-req: One Studio Art course
Cross-listed as: ART 241/ENV 241
Term(s) Offered: Other, Non Conforming

ENV 242 Applied Ecology 4 Credits
This required course gives students an opportunity to study ecological patterns and processes as they relate to human impacts on the environment. Through engaging in experimental and field data collection, in addition to using existing data sets from ecosystems around the world, students in this course explore the impact of human-induced environmental changes (e.g., climate change, chemical spills, trash disposal, agricultural and road runoff, energy production) on basic ecological interactions. By applying the foundational concepts of ecology to our anthropocentric landscapes, students will be able to critically analyze current management strategies while developing novel approaches to ecological challenges.
Requisites: Pre-req: ENV 101, BIO 111, and BIO 112.
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

ENV 244 Environmental Communication 4 Credits
Environmental communication is a powerful tool to convey important environmental topics to diverse audiences. In many environmental careers, a central skill will be communicating about complex topics, such as climate change, biodiversity conservation, urban sprawl, and many others. In this project-based course, students practice communicating in many forms (through writing, speaking, creative visual displays, etc.) about environmental topics of their choosing.
Requisites: Pre-req: ENV 101
Term(s) Offered: Spring, Odd Years

ENV 290 Environmental Studies Internship 1-2 Credits
Students earn credit for pursuing a full-time internship outside of WC. Students must apply through the WC internship office and find a WC advisor and an on-site advisor. Participants produce a final paper, poster or video detailing the findings of their work. Internships must first be approved by the Chair of the Department. 1 or 2 credits. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

ENV 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: Other, Non Conforming

ENV 302 Conservation & Wildlife Techniques 4 Credits
Lecture examine patterns in local and global biological diversity and current causes for biodiversity loss. Conservation strategies from the genetic to ecosystem scale are evaluated to inform students about tools scientists can use to prevent species loss and restore natural wildlife habitats and populations. Laboratory exercises allow students to gain familiarity with hands-on techniques for monitoring wildlife populations and include field trips that focus on local conservation efforts. ENV/ESI Majors must have taken ENV 101.
Requisites: Pre or co-req: BIO 111, and BIO 112 . BIO 206 or ENV 242
Term(s) Offered: Other, Non Conforming
Fees: $50 Lab Fee

ENV 303 Environmental Ethics 4 Credits
A study of the nature and history of the environmental movement and our ethical responsibilities with regard to such current issues as teh preservation of species, animal rights, the value of ecosystems, ozone depletion, and deep or radical ecology.
Requisites: Pre or co-req: PHL 100
Cross-listed as: PHL 303/ENV 303
Term(s) Offered: Other, Non Conforming

ENV 305 Marine Conservation 4 Credits
Marine ecosystems are experiencing unprecedented rates of change caused by human activities. Humans rely on marine ecosystems for life-supporting services (e.g., oxygen, food) as well as income, shoreline protection, recreation, and inspiration. Conserving marine systems requires understanding the threats and what is unique about the marine environment (physically, biologically, chemically) and applying that knowledge to conservation action. This course is grounded in marine ecology but also discusses key ideas and concepts from economics, history, philosophy, and other disciplines as they relate to marine conservation science.
Requisites: Pre-req: ENV 101 and either ENV 242 or BIO 206
Term(s) Offered: Other, Non Conforming

ENV 311 Field Methods in Environmental Science 4 Credits
Students learn to be environmental field researchers through two collaborative projects conducted throughout the semester. For these collaborative projects, student begin with a literature review and then ask questions, form hypotheses, establish an experimental design, execute the design, analyze the data, and communicate the findings through writing. Other environmental research methods are demonstrated through lab activities including groundwater, river, and stream sampling.
Requisites: Pre or co-req: ENV 101, ENV 141 and two from: BIO 112, CHE 220, PHY 112
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

ENV 312 Watershed Biogeochemistry 4 Credits
The study of physical, chemical, biological, and, geological processes and reactions that govern the, composition of and changes to Earth. Students, examine water, carbon, nitrogen, phosphorus, and, sulfur cycles and discuss how humans have impacted, these cycles. The class explores potential, management solutions related to anthropogenic, disruptions of biogeochemical cycles. The, laboratory component involves biogeochemical field, sampling and laboratory analysis techniques.
Requisites: Pre or co-req: ENV 101 . BIO 111, BIO 112, and CHE 210 . ENV 242
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

ENV 313 Wetlands Ecology w/ Lab 4 Credits
This course provides an in-depth examination of the function and types of wetlands with an emphasis on ecosystem services, biodiversity and conservation. Lecture include a broad overview of the role wetlands play in larger ecosystems as well as the hydrology, geology, chemistry, trophic interactions and species common to these unique aquatic systems.Laboratories include a large field-based component where students learn to identify wetlands and their associated flora and fauna.
Requisites: Pre or co-req: BIO 111, BIO 112, and BIO 206 or ENV 242
Cross-listed as: BIO 313/ENV 313
Term(s) Offered: Other, Non Conforming

ENV 314 Energy and the Environment 4 Credits
This course explores general topics of energy generation, distribution, and use, as well as the many ways that the energy industry affects the environment. Topics include fossil fuels, heat engines, renewable energy sources, global effects of energy use, politics and energy policy, nuclear energy, and energy conservation.
Requisites: Pre or co-req: ENV 101
Term(s) Offered: Other, Non Conforming

ENV 315 Restoration Ecology 4 Credits
This course provides a broad overview of restoration ecology with a focus on local ecosystems. Although people have been actively restoring ecosystems for hundreds of years, the scientific field of restoration ecology is relatively new. It is an interdisciplinary endeavor that seeks to use ecological theories and methods to help ecosystems recover their structure and functions after disturbance, degradation, or total destruction and to help assess the effectiveness of restoration techniques. This course is composed of a variety of different learning approaches including lectures, site field trips, labs, paper discussions, and hands-on restoration projects.
Requisites: Pre-req: ENV 101 . ENV 242 or BIO 206
Term(s) Offered: Other, Non Conforming

ENV 317 Environmental Economics 4 Credits
This course is a survey of the application of economic analysis to environmental problems. Analysis will focus on: policy options available to lawmakers and citizens, methods for assigning value to the environment, and air and water pollution and the laws meant to control these problems.
Requisites: Pre-req: ECN 112 or ENV 117
Cross-listed as: ECN 317/ENV 317
Term(s) Offered: Fall, All Years

ENV 318 Natural Resource Economics 4 Credits
This course surveys the economic theory behind, and the managemnet of, renewable and non-renewable resources including fisheries, minerals, timber, water, and biodiversity. Analysis of management options is at the local, regional, and national levels. Analysis includes trade-offs of policies and the effect of property rights on resource use.
Requisites: Pre-req: ECN 112. Must NOT have taken ECN 117
Cross-listed as: ECN 318/ENV 318
Term(s) Offered: Other, Non Conforming

ENV 319 Sustainability & the Environment 4 Credits
This class examines the science of how we can interact sustainably with our environment. Discussion topics for this class include waste, green living, green buildings, agriculture, and water acquisition, as well as other topics. The laboratory component of this class focuses on discussion and field trips to explore local sustainability practices.
Term(s) Offered: Other, Non Conforming

ENV 320 Climate Change 4 Credits
This class teaches students the basic science behind climate change. Students evaluate the evidence that our climate is changing and that it is caused by humans. We also discuss our future in a changing climate and potential adaption, mitigation, and geoengineering strategies. Climate change science is changing quickly, and we will read and discuss recent papers published in the literature. The lab instruction includes field trips, data analysis, and journal article discussion.
Term(s) Offered: Other, Non Conforming

ENV 335 Global Environmental Politics 4 Credits
This course explores environmental issues in a global context, with particular attention paid to international cooperation, international law, and the roles of governments, institutions, NGOs and social movements. The course also focuses on the impact of environmental problems and cooperation on countries in the Global South/North.
Requisites: Pre or co-req: POL 102
Cross-listed as: ENV 335/POL 370
Term(s) Offered: Spring, Non Conforming

ENV 347 American Environmental Writing 4 Credits
The study of writing from an environmental perspective is both an emerging field in literary criticism and a rich tradition in American literary history. What does it mean to be green from a literary point of view? This course explores that question in looking at classic and contemporary authors of American environmental writing, from Henry David Thoreau to Annie Dillard to recent examples of eco-criticism. Though the primary focus is on nonfiction prose, the traditional home of nature writing, the course also explores environmental perspectives in poetry, fiction, and film as well as cross-disciplinary connections with the natural sciences and social sciences.
Cross-listed as: ENG 347/AMS 347/ENV 347
Term(s) Offered: Fall, All Years

ENV 370 Environmental Sociology 4 Credits
This class explores the human dimension of ecosystem science. We use environmental sociology as a framework for understanding the dynamic relationship between humans and the environment, trends in environmental policy and public opinion, environmentalism as a social movement, human-induced environmental decline, and environmental justice. Students explore how changes in ecosystems influence the achievability and sustainability of societal values such as security from natural disasters, health, good social relations, and freedom to pursue personal and cultural interests.
Requisites: Pre or co-req: SOC 101 and one additional SOC course
Cross-listed as: SOC 370/ENV 370
Term(s) Offered: Spring, Even Years

ENV 390 Environmental Studies Internship 1-2 Credits
Students earn credit for pursuing a full-time internship outside of WC. Students must apply through the WC internship office and find a WC advisor and an on-site advisor. Participants produce a final paper, poster or video detailing the findings of their work. Internships must first be approved by the Chair of the Department. 1 or 2 credits. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

ENV 392 Environmental Studies Junior Seminar 2 Credits
A two-semester weekly seminar that prepares students for graduate education, career development, and writing a successful Senior Capstone Experience (SCE). Seminars are led by Environmental Science and Studies faculty and invited guests. Students present their SCE proposals and findings as part of the seminar. Required of all Environmental Science and Studies majors.
Term(s) Offered: Spring, All Years

ENV 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: Other, Non Conforming

ENV 397 Independent Study 4 Credits
An individualized research project chosen by the student in consultation with a faculty member designed to be the equivalent of a semester-long course. The student, with the help of the faculty mentor, designs a project to be implemented during the semester. Students conduct an appropriate literature search, carry out the research, and submit a written report.
Term(s) Offered: All Terms, All Years

ENV 490 Environmental Studies Internship 1-2 Credits
Students earn credit for pursuing a full-time internship outside of WC. Students must apply through the WC internship office and find a WC advisor and an on-site advisor. Participants produce a final paper, poster or video detailing the findings of their work. Internships must first be approved by the Chair of the Department. 1 or 2 credits. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

ENV 491 Environmental Studies Senior Seminar I 2 Credits
ENV 491 is part of a two-semester weekly seminar that prepares students for graduate education, career development, and writing a successful Senior Capstone Experience (SCE). Seminars are led by Environmental Science and Studies faculty and invited guests (including from the Career Center and Writing Center). Students present their SCE proposals and findings as part of the seminar. Required of all Environmental Science and Studies majors
Term(s) Offered: Fall, All Years

ENV 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: Other, Non Conforming

ENV 497 Independent Study 4 Credits
An individualized research project chosen by the student in consultation with a faculty member designed to be the equivalent of a semester-long course. The student, with the help of the faculty mentor, designs a project to be implemented during the semester. Students conduct an appropriate literature search, carry out the research, and submit a written report.
Term(s) Offered: All Terms, All Years

Environmental Science Major (BS)

Department of Environmental Studies and Science (p. 110)
Division of Natural Sciences and Mathematics

The Environmental Science major (B.S.) evaluates the interactions of humans and the natural world through an interdisciplinary scientific lens. The Environmental Science major prepares students to critically analyze and investigate potential solutions to local, regional, and global environmental issues.

Environmental Science Major (B.S.) Requirements

Code	Title	Credits	Notes
Introductory Courses		**8**	_____
ENV 101 & ENV 102	Intro to Environmental Studies with Lab and Intro to Environmental Studies Lab		_____
ENV 117	Intro Env & Natural Resource Economics		_____
Introductory Science Sequences		**16**	_____

BIO 111 & BIO 113	General Biology I with Lab and General Biology I Lab		_____
BIO 112 & BIO 114	General Biology II with Lab and General Biology II Lab		_____
CHE 120 & CHE 122	Chem Principles Org Molecules with Lab and Chemical Principles Orgnc Molecules Lab		_____
CHE 220 & CHE 222	Quantitative Chemical Analysis with Lab and Quantitative Chemical Analysis Lab		_____
Environmental Science Lab-based Courses		**20**	_____
ENV 141	Atmosphere, Ocean & Environment w/Lab		_____
ENV 242	Applied Ecology		_____
CHE/ENV 210	Environmental Chemistry with Lab		_____
ENV 311	Field Methods in Environmental Science		_____
ENV 312	Watershed Biogeochemistry		_____
Select 3 Science Courses From Below [1]		**12**	_____
CRS 246	**Interdisciplinary Study of an Estuary**		_____
ENV/BIO 221	The Bermuda Environment (summer course)		_____
ENV 222	Summer Env. Studies Ecuador [2]		_____
ENV 240	Earth and Planetary Systems with Lab		_____
ENV 244	Environmental Communication [2]		_____
ENV 302	Conservation & Wildlife Techniques		_____
ENV 305	Marine Conservation		_____
ENV 313	Wetlands Ecology w/ Lab		_____
ENV 314	Energy and the Environment [2]		_____
ENV 315	Restoration Ecology		_____
ENV 319	Sustainability & the Environment [2]		_____
ENV 320	Climate Change		_____
ENV 294	Special Topics (with approval of the Chair, possibility of a lab)		_____
ENV 394	Special Topics (with approval of the Chair, possibility of a lab)		_____
BIO 309	Marine & Estuarine Bio with Lab		_____
BIO 328	Behavioral Ecology with Lab		_____
CHE 310	Greener & Sustainable Chemistry [2]		_____
Select 1 Mathematics Course From Below		**4**	_____
MAT 106 & MAT 107	Stretch Differential Calculus I and Stretch Differential Calculus II		_____
MAT 109	Statistical Inference & Data Analysis I		_____
MAT 111	Differential Calculus (recommended for students planning to attend graduate school)		_____
Junior and Senior Seminar		**4**	_____
ENV 392	Environmental Studies Junior Seminar (2 credits)		_____
ENV 491	Environmental Studies Senior Seminar I (2 credits)		_____

Senior Capstone Experience (ENV SCE)	**2-4**	_____
Total Credits	**66-68**	_____

1 At least two courses must be ENV; only one can be non-lab based (marked with a [2]):
2 non-lab based

Advising notes for the Environmental Science B.S.

Students pursuing a physics track within the environmental science major can substitute PHY 111 General Physics I with Lab and/or PHY 112 General Physics II with Lab for one or two courses in the major, after consultation with and written approval from an ENV Department Chair.

Students who double major in Environmental Science and Biology can double count a maximum of 4 courses (3 Required Courses: BIO 111/BIO 113, BIO 112/BIO 114, BIO 206 or ENV 242; Elective Courses: 1 upper-level elective) towards their double major.

Students majoring in Environmental Science and minoring in Biology can double count a maximum of 3 courses (BIO 111/BIO 113 & BIO 112/BIO 114 plus 1 approved upper-level BIO or ENV elective) towards their Environmental Science major and BIO minor.

Students majoring in Environmental Science or Biology should plan to take either BIO 206 Ecology with Lab or ENV 242 Applied Ecology. Only one of the two courses will count towards your ENV and BIO major.

To complete the Biology minor, an additional 4 upper-level BIO course is required. Students should plan to take ENV 242 Applied Ecology and not BIO 206 Ecology with Lab.

Students majoring in Environmental Science and minoring in any discipline can double count a maximum number of courses, based on the total number of courses required for the minor, as detailed below:

- 5 course minor: 1 course overlap with Environmental Science major
- 6 course minor: 2 course overlap with Environmental Science major
- 7 course minor: 3 course overlap with Environmental Science major

Students majoring in Environmental Science and who study abroad can transferring in a maximum of two upper level elective classes towards their Environmental Science degree from their study abroad institution.

Major

- Environmental Studies Major (BA) (p. 119)

Minor

- Chesapeake Regional Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/chesapeake-regional-studies-minor/)
- Environmental Studies Minor (p. 122)
- Museum, Field, and Community Education Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/museum-field-community-education-minor/)

Certificate

- Secondary Education Certification Program (p. 94)

Environmental Studies Major (BA)

Department of Environmental Studies and Science (p. 110)
Division of Natural Sciences and Mathematics

The Environmental Studies major (B.A.) evaluates the interactions of humans and the natural world through an interdisciplinary lens. The Environmental Studies Major prepares students to critically analyze and investigate potential solutions to local, regional, and global environmental issues. This major is broad in perspective, using courses in the humanities and the social sciences, as well as the natural sciences.

Environmental Studies Major (B.A.) Requirements

Code	Title	Credits	Notes
Introductory Courses		**8**	_____
ENV 101 & ENV 102	Intro to Environmental Studies with Lab and Intro to Environmental Studies Lab		_____

ENV 117	Intro Env & Natural Resource Economics		_____
Select 1 Introductory Science Sequence (BIO 111 and BIO 112 or CHE 120 and CHE 220)		**8**	_____
BIO 111 & BIO 113	General Biology I with Lab and General Biology I Lab		_____
BIO 112 & BIO 114	General Biology II with Lab and General Biology II Lab		_____
CHE 120 & CHE 122	Chem Principles Org Molecules with Lab and Chemical Principles Orgnc Molecules Lab		_____
CHE 220 & CHE 222	Quantitative Chemical Analysis with Lab and Quantitative Chemical Analysis Lab		_____
Select 1 Earth Science Course From Below		**4**	_____
ENV 140	Exploring the Solid Earth with Lab		_____
ENV 141	Atmosphere, Ocean & Environment w/Lab		_____
Select 1 Ecology Course From Below		**4**	_____
ENV 242	Applied Ecology [1]		_____
BIO Course [2]			_____
Select 1 Environmental Chemistry Course From Below		**4**	_____
CHE/ENV 110	Chemistry of the Environment with Lab [4]		_____
CHE/ENV 210	Environmental Chemistry with Lab [3]		_____
Take 8 Credits From Courses Below (many have prerequisites) [5]		**8**	_____
ENV/BIO 221	The Bermuda Environment		_____
ENV 222	Summer Env. Studies Ecuador		_____
ENV 240	Earth and Planetary Systems with Lab		_____
ENV 244	Environmental Communication		_____
ENV 294	Special Topics (With approval from Chair)		_____
ENV 302	Conservation & Wildlife Techniques		_____
ENV 305	Marine Conservation		_____
ENV 311	Field Methods in Environmental Science		_____
ENV 312	Watershed Biogeochemistry		_____
ENV 313	Wetlands Ecology w/ Lab		_____
ENV 314	Energy and the Environment		_____
ENV 315	Restoration Ecology		_____
ENV 319	Sustainability & the Environment		_____
ENV 320	Climate Change		_____
ENV 394	Special Topics (With approval from Chair)		_____
Select 1 Math Course From Below		**4**	_____
MAT 106 & MAT 107	Stretch Differential Calculus I and Stretch Differential Calculus II		_____
MAT 109	Statistical Inference & Data Analysis I		_____
MAT 111	Differential Calculus		_____
Philosophy Course		**4**	_____
PHL 102	Contemporary Moral Issues		_____

Select 3 Courses From Below, (must be from at least two subjects)		**12**	_____
ANT/ENV 107	Intro to Environmental Archaeology		_____
ANT/ENV 137	Culture & Environments of the Chesapeake		_____
ANT 280	Traditional Ecological Knowledge		_____
ART 241	Environmental Art		_____
ART 494	Special Topics (Seeing Ecologically)		_____
ART 310	Art & Nature in Med & Early Modern Eur.		_____
CRS 244	Humanities Perspective on the Chesapeake (if enrolled in the Chesapeake Semester)		_____
ENG 347	American Environmental Writing		_____
ENV 109	Intro to Geographic Information Systems		_____
ENV 294	Special Topics (Disease Ecology)		_____
ECN 317	Environmental Economics		_____
ECN 318	Natural Resource Economics		_____
ENV 335/POL 370	Global Environmental Politics		_____
ENV 394	Special Topics		_____
PHL 303	Environmental Ethics		_____
PHL 310	Philosophy of Science		_____
SOC/ENV 370	Environmental Sociology		_____
SOC 394	Special Topics (Sociology and Agriculture)		_____
Junior and Senior Seminars		**4**	_____
ENV 392	Environmental Studies Junior Seminar (2 credits)		_____
ENV 491	Environmental Studies Senior Seminar I (2 credits)		_____
Senior Capstone Experience (ENV SCE)		**2-4**	_____
Total Credits		**62-64**	_____

1 for students intending to take BIO 111/BIO 113 and BIO 112/BIO 114
2 for students not intending to take BIO 111/BIO 113 and BIO 112/BIO 114 General Biology II Lab
3 for students intending to take CHE 120/CHE 122 and CHE 220/CHE 222
4 for students not intending to take CHE 120/CHE 122 and CHE 220/CHE 222
5 ENV Special Topics (as approved by the ENV Dept Chair)

Advising notes for the Environmental Studies B.A.

Students pursuing a physics track within the environmental studies major can substitute PHY 111 and/or PHY 112 for the introductory science sequence, after consultation with and written approval from an ENV Department Chair.

Students majoring in Environmental Studies and minoring in Biology can double count a maximum of 3 courses (BIO 111/BIO 113 & BIO 112/ BIO 114 plus 1 approved upper-level BIO or ENV elective) towards their Environmental Studies major and BIO minor.

Students majoring in Environmental Science or Biology should plan to take either BIO 206 Ecology with Lab or ENV 242 Applied Ecology. Only one of the two courses will count towards your ENV and BIO major.

To complete the Biology minor, an additional 4 upper-level BIO courses are required.

Students majoring in Environmental Studies and minoring in any discipline can double count a maximum number of courses, based on the total number of courses required for the minor, as detailed below:

- 5 course minor: 1 course overlap with Environmental Studies major
- 6 course minor: 2 course overlap with Environmental Studies major
- 7 course minor: 3 course overlap with Environmental Studies major

Students majoring in Environmental Studies and who study abroad can transferring in a maximum of two upper level elective classes towards their Environmental Science degree from their study abroad institution.

Major

- Environmental Science Major (BS) (p. 117)

Minor

- Chesapeake Regional Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/chesapeake-regional-studies-minor/)
- Environmental Studies Minor (p. 122)
- Museum, Field, and Community Education Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/museum-field-community-education-minor/)

Certificate

- Secondary Education Certification Program (p. 94)

Environmental Studies Minor

Department of Environmental Studies and Science (p. 110)
Division of Natural Sciences and Mathematics

The Environmental Studies minor evaluates the interactions of humans and the natural world through an interdisciplinary lens and can complement any major at the college. This minor is broad in perspective, using courses in the humanities and the social sciences, as well as the natural sciences.

Environmental Studies Minor Requirements

Code	Title	Credits	Notes
ENV 101 & ENV 102	Intro to Environmental Studies with Lab and Intro to Environmental Studies Lab	4	_____
ENV 140	Exploring the Solid Earth with Lab	4	_____
or ENV 141	Atmosphere, Ocean & Environment w/Lab		_____
Select 2 Courses From Below		**8**	_____
ANT 280	Traditional Ecological Knowledge		_____
ANT 415	Cultural Ecology		_____
ENV/ANT 107	Intro to Environmental Archaeology		_____
ENV 109	Intro to Geographic Information Systems		_____
ENV 117	Intro Env & Natural Resource Economics		_____
ENV/ANT 137	Culture & Environments of the Chesapeake		_____
ENV/ECN 317	Environmental Economics		_____
ENV/ECN 318	Natural Resource Economics		_____
ENV 335/POL 370	Global Environmental Politics		_____
ENV/SOC 370	Environmental Sociology		_____
SOC 394	Special Topics (Sociology of Food & Agriculture)		_____
Select 2 Courses From Below		**8**	_____
ART/ENV 241	Environmental Art		_____
ART 310	Art & Nature in Med & Early Modern Eur.		_____
ART 494	Special Topics (Seeing Ecologically)		_____

CRS 244	Humanities Perspective on the Chesapeake		_____
ENG 347	American Environmental Writing		_____
PHL 102	Contemporary Moral Issues		_____
PHL 303	Environmental Ethics		_____
PHL 310	Philosophy of Science		_____
Select 1 Course From Below		**4**	_____
BIO 309	Marine & Estuarine Bio with Lab		_____
BIO 328	Behavioral Ecology with Lab		_____
CHE 310	Greener & Sustainable Chemistry		_____
CRS 240	The Natural Science of an Estuary		_____
CRS 246	Interdisciplinary Study of an Estuary		_____
CRS 242	The Social Science of an Estuary		_____
ENV/CHE 110	Chemistry of the Environment with Lab		_____
ENV/CHE 210	Environmental Chemistry with Lab		_____
ENV/BIO 221	The Bermuda Environment		_____
ENV 222	Summer Env. Studies Ecuador		_____
ENV 240	Earth and Planetary Systems with Lab		_____
ENV 242	Applied Ecology		_____
ENV 244	Environmental Communication		_____
ENV 294	Special Topics (Disease Ecology or Anthropogenic Impact Across an Environmental Gradient)		_____
ENV 302	Conservation & Wildlife Techniques		_____
ENV 305	Marine Conservation		_____
ENV 311	Field Methods in Environmental Science		_____
ENV 312	Watershed Biogeochemistry		_____
ENV 313	Wetlands Ecology w/ Lab		_____
ENV 314	Energy and the Environment		_____
ENV 315	Restoration Ecology		_____
ENV 319	Sustainability & the Environment		_____
ENV 320	Climate Change		_____
Total Credits		**28**	_____

Major

- Environmental Studies Major (BA) (p. 119)

Minor

- Chesapeake Regional Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/chesapeake-regional-studies-minor/)
- Environmental Studies Minor (p. 122)
- Museum, Field, and Community Education Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/museum-field-community-education-minor/)

History

Division of Social Sciences

Through stimulating teaching of the works of historians and non-historians, we foster in our students a sense of the development of past societies and a curiosity about why these developments occurred. We believe that understanding the past through a maturing historical consciousness and instruction in the proficient use of primary and secondary sources can improve students' understanding of their own time. Students at Washington College are trained as generalists, studying a variety of geographical areas and eras, and able to apply their skills of research and analytical thinking to whatever interests them.

The study of history is closely related to other disciplines that inform the student's understanding of the world. History gives a context to and a wider perspective on the approaches offered by the political scientist, the geographer, the economist, the sociologist, as well as the disciplines of art history, music, and literature. History is in many ways the broadest of the traditional disciplines. In other words, it has a great deal to contribute to the making of a cultured person. We endeavor to promote among our students an appreciation for outstanding cultural achievements, an appreciation which helps them to know who they are and who they might become.

Engaging in historical studies at Washington College is an excellent preparation for future careers. Our graduates have been successful in secondary school and college teaching, archival, curatorial, and museum work, law, journalism, and publishing. Many of our majors work in other areas traditionally attracting liberal arts graduates--business and government, for example.

Distribution Credit

To satisfy the requirement of two paired courses for Social Science distribution, students may take HIS 111 Introduction to History or any 200-level history course and pair it with any other history course.

To satisfy the requirement of an unpaired third course for Social Science distribution, students may take HIS 111 Introduction to History or any 200-level history course

- History Major (p. 128)
- History Minor (p. 129)

Kenneth Miller, Chair
T. Clayton Black
Adam Goodheart
Carol Wilson

HIS SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience (SCE) consists of the design of a research project. It includes studies in historiographical techniques and preparation of a substantial senior thesis. During Spring Semester of the Junior year, students participate in a required course, Historical Method (HIS 399). In connection with this course, students are assigned a thesis advisor under whose supervision a prospectus, preliminary bibliography and other elements are prepared. Students who wish to be considered for departmental honors, or who are preparing for graduate study in history or related fields, should request permission to attempt an honors thesis. Candidates for thesis honors must have and maintain a 3.5 cum. GPA by Spring semester of the Junior year.
Term(s) Offered: All Terms, All Years

HIS 111 Introduction to History 4 Credits
This course introduces students to the discipline of history by exploring compelling themes or problems in history. Through study of different topics, each section instructor teaches students the core methodological skills of historical analysis and interpretation. Students are expected to appreciate differing interpretations of the same historical questions. Students study appropriate primary and secondary sources in the field and learn the basic analytical and writing skills historians use to interpret the past. Examples of topics offered include The Underground Railroad, The Invention of Childhood, American Home Front, Russian Revolution, Harry Potter's World: Renaissance Science, Magic, and Medicine, Small Worlds of Early America, and America in the 1960s.
Term(s) Offered: All Terms, All Years

HIS 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

HIS 201 History of the United States to 1865 4 Credits
A survey of United States history through the Civil War, this course begins with the history of the first residents of North America, Native Americans. Includes the founding and development of the various colonies that eventually joined to form a new nation, and the early history of that nation--political, economic, and social.
Term(s) Offered: Fall, All Years

HIS 202 History of the United States Since 1865 4 Credits
This survey of United States history starts with the Reconstruction era and traces the growth of the nation to the present. We will study how the nation was restored after the Civil War, how the United States industrialized, urbanized and became a world power in the twentieth century.
Term(s) Offered: Spring, All Years

HIS 203 Modern World History I 4 Credits
A survey of world history from roughly 1000 AD to the end of the eighteenth century. This course treats the increasing integration of world civilizations through commercial and cultural interactions and traces the emergence of Europe as a center of global economic and military power. Prominent themes include the Mongol empire, Black Death, Age of Exploration, Reformation, Gunpowder empires, Enlightenment, and French revolution.
Term(s) Offered: Fall, All Years

HIS 204 Modern World History II 4 Credits
A survey of world history in the nineteenth and twentieth centuries. The course examines the world in the age of global integration and includes such themes as the rise of republicanism and nationalism, the industrial revolution, imperialism, communism and fascism, the world wars, the Cold War and globalization, among others.
Term(s) Offered: Spring, All Years

HIS 205 Early Origins of Western Civilization I 4 Credits
Focuses on ancient societies, from Sumer through imperial Rome, whose cultures contributed to the development of western civilization. The course stresses the multiplicity of cultures that melded and conflicted in the ancient Near Eastern and Mediterranean worlds, and looks to the origins of cultural symbols that appear and reappear in the emerging Western world.
Term(s) Offered: Fall, All Years

HIS 206 Early Origins of Western Civilization II 4 Credits
Studies European society from the fall of the western Roman empire through Galileo and Newton. This course is a continuation of History 205; it builds on the assimilation of ancient culture into a multi-cultural milieu that included Roman, Germanic, Greek, Christian, Jewish and Islamic societies. It traces the development of Europe through the Middle Ages, Renaissance, Reformation and Scientific Revolution.
Term(s) Offered: Spring, All Years

HIS 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

HIS 313 17th and 18th Century America 4 Credits
The social, economic, and political structure of Colonial America; the background and development of the American Revolution; and the interaction of social and political life during the Confederation, Constitutional, and Federalist periods.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 315 The Early Republic 4 Credits
This course explores the history of the early American republic from the framing of the Constitution to the Civil War. The course investigates the clash between Hamiltonian and Jeffersonian visions, the development of party politics and a popular political culture, territorial expansion and dispossession of Native Americans, the spread of King Cotton and slavery, the transportation and market revolutions, religious revival and social reform, and the sectional conflict between North and South.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 319 African - American History 4 Credits
This course examines the history of African Americans from the colonial era to the present. We trace the Black experience from African origins through more than two centuries of enslavement to emancipation in 1865. We examine the fight for citizenship and equality during Reconstruction, the segregation era, and the civil rights movement. While including examination of the nature of racism and race relations, we are focusing particularly on Black initiative, and the role African Americans have played in all aspects of American history.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 334 The American Civil War 4 Credits
This course encompasses the U.S. Civil War (1861-1865) in all pertinent areas. In addition to military history, the course reviews significant historical interpretations of the causes and effects of the Civil War; the dimensions of social, economic, political, and diplomatic history pertaining to the war; and the evolution of war aims relating to the central issues of slavery and race relations.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 335 Reconstruction and the Gilded Age 4 Credits
The era from the end of the Civil War to the end of the nineteenth century saw some of the greatest changes in American history. We examine the rebuilding of Reconstruction from the desire to restore national unity to the attempts of individual freedmen and women to carve out new lives and rights for themselves. The era also saw a turn from Victorianism to Modernity, as industrialization, urbanization, and immigration proceeded at a rapid pace, causing tension between rural and urban people, old ways and new.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 336 Progressivism and the Twenties 4 Credits
Focuses on one of the great reform eras in American history. Beginning in the late 19th century, the Progressives pushed for women's rights, prohibition, good government, protection for workers and consumers, and more. We also look at World War I, especially the impact on the home front. We examine both the well-known side of the Twenties--economic success and high living, and the not-so-well known aspects, like the rise of the Ku Klux Klan, and anti-immigration sentiment.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Other, Non Conforming

HIS 342 Victorian America 4 Credits
Examination of American social attitudes and behavior in both the public and private spheres during the ninteenth century. Topics include marriage and the family, childhood; the individual's role in society; entertainment; race and ethnicity; religion; migration; immigration; urbanization; and reform movements.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 343 History of American Women 4 Credits
Examines the private lives and public roles of women throughout American history, from colonial settlement to the near-present. Social attitudes, laws and policies affecting women are studied, as well as women's daily lives, experiences, and accomplishments. Our focus includes women of different races, classes, and ethnic backgrounds.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 350 Empire and Papacy 4 Credits
Germany and Italy emerged as modern nations only in the nineteenth century. Both experienced turbulent internal divisions for centuries prior to their respective national unifications. A common thread bound their political difficulties, that is, the tension between two supranational ideas: The Roman Empire and the Roman Papacy. This course explores the origins and development of this conflict between the Holy Roman Emperors and the Papacy and its effect on the histories of medieval Germany and medieval Italy.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 351 Ancient Rome 4 Credits
The social, cultural, and political history of ancient Rome and its dominions, from prehistory through the decline and fall of the Roman Empire in the fifth century C.E. Topics include republican and imperial government, Rome's army and conquests, the Roman family, Roman religion, and the rise of Christianity.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Other, Non Conforming

HIS 352 Castles, Cloisters, Cathedrals, Mosques 4 Credits
This course traces the history of France and Spain from the 8th to 14th centuries from the perspective of their castles, monastic cloisters, cathedrals, and mosques. Topics include architectural structure and style; pre-modern French and Spanish history; history and regular routines of religious life; social and cultural aspects of buildings including their roles in military technology, guild organization, palatial residence, and church life.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 354 Renaissance & Reformation 4 Credits
A study of Europe in the period of 1400-1648. Cultural developments in fifteenth-century Italy are the starting point; students then explore religious and political change, and social and economic trends throughout Europe.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 355 Women in Medieval Europe 4 Credits
A seminar exploring the lives of women and their role in society from the fifth through the fifteenth centuries. Topics include legal status, economic activity, marriage and family, and women in religion. Readings include both traditional and feminist-influenced secondary works, medieval works about and for women, and the writings of medieval women themselves. Discussion is a major component of the course.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Other, Non Conforming

HIS 357 Early Islamic Civilization 4 Credits
Early Islamic civilization from its origins in Arabia to its expression in several imperial regimes in the sixteenth century (e.g. Ottoman, Mughal). We examine the creation of a Muslim community, the development of a rich and dynamic civilization, the competing claims for political and religious authoritym the forging of empires and their break-up, as well as contacts with the non-Muslim societies. Thus we study a universal religion as it was expressed and incorporated into a variety of unique cultures that differed in ethnicity, language, geography, and beliefs. Students acquire an understanding of basic vocabulary, geography, historical sources and narrative, through directed readings, lecture and class discussion.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Other, Non Conforming

HIS 360 Modern Germany 4 Credits
An examination of Central Europe from the unification of the German lands in the mid-nineteenth century through the Kaiserreich, World War I, Weimar Republic, National Socialism, Cold War division, and reunification.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 371 History of South Africa 4 Credits
This course examines the political, economic, and social history of the Republic of South Africa. Beginning with the earliest inhabitants, we trace the diversity of African life, the arrival of Europeans and the establishment of colonies, the policies of segregation and apartheid, and African resistance to them. We also assess the importance of history to individual and group identities, as well as for interpreting issues of the present.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Other, Non Conforming

HIS 381 History of Modern China 4 Credits
This course traces the history of China from roughly 1800 to the present. It devotes special attention to the development of nationalism and communism in China and China's uneasy relationship with the West. Topics include the Opium War and Taiping Rebellion, Republican era warlordism, China in the Pacific War, Maoism and the reforms of Deng Xiaoping, among others.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 383 History of Modern Japan 4 Credits
An examination of Japan from the late Tokugawa era (ca. 1800-1868) to the present. The course looks at the causes and consequences of the Meiji Restoration, Japan's rise as a modern industrial state, its struggle with democratic government, imperialist expansion, the impact of World War II on the country's subsequent political, social, and economic development, the Japanese Miracle of the 1970s, and Japan's current difficulties in confronting its past and defining its place in the twenty-first century.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 391 Russia and the Soviet Union 4 Credits
Russian political, social, economic, and cultural developments from the founding of the first eastern Slavic state to the present. The first semester treats Kievan Rus, Muscovy, and the Imperial period from Peter the Great to Alexander II. The second semester deals with the final decades of the Russian autocracy, the revolutionary movement, World War I, the revolutions of 1917, the Civil War, and the history of the Soviet Union to the end of the Gorbachev era.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Other, Non Conforming

HIS 392 Russia and the Soviet Union 4 Credits
Russian political, social, economic, and cultural developments from the founding of the first eastern Slavic state to the present. The first semester treats Kievan Rus, Muscovy, and the Imperial period from Peter the Great to Alexander II. The second semester deals with the final decades of the Russian autocracy, the revolutionary movement, World War I, the revolutions of 1917, the Civil War, and the history of the Soviet Union to the end of the Gorbachev era.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

HIS 399 Historical Method 4 Credits
A study of history as a discipline. Classroom lecture and discussion on fundamental aspects of research and synthesis plus the history of historical writing. With the help of an assigned advisor, each student prepares first a prospectus and then a preliminary chapter of the eventual senior thesis in history. Both papers are presented to the class for comment and review in workshop format. Enrollment is limited to history majors.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Spring, All Years

HIS 414 Comparative Cultural Encounters 4 Credits
This seminar examines interactions among native, European, and African peoples during the initial centuries of North American colonization. Situating the American colonies within a broader Atlantic World and offering a comparative approach, the course investigates processes of cultural conflict, exchange, adaption, and transformation.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Other, Non Conforming

HIS 466 Europe in Age of Revolution, 1789-1871 4 Credits
This course provides a detailed examination of the upheavals across Europe from the 1789 revolution in France to the experiment in socialism of the Paris Commune in 1871. We pay special attention to ideological changes across the period and their relationship to the political and economic transformations that dramatically transformed the modern world. Topics of particular focus include the French revolution, the industrial revolution, romanticism, political reaction, popular movements and socialism, and the revolutions of 1848. In addition to providing students with an understanding of these topics, the course helps students develop research skills, along with critical analysis, oral presentation, and writing techniques.
Requisites: Pre-req: HIS 111 or any 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 473 Latin American Literature as History 4 Credits
This seminar employs new and classic novels to investigate diverse trends in modern Latin American history, focusing on the insight each text offers into the land's people and institutions. Collectively, these volumes illuminate sweeping historical themes, harnessing personal stories to broad, impersonal forces and surveying a range of topics, from poverty and repression to adaptation and rebellion.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Other, Non Conforming

HIS 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

History Major

Department of History (p. 123)
Division of Social Sciences

Engaging in historical studies at Washington College is an excellent preparation for future careers. Our graduates have been successful in secondary school and college teaching, archival, curatorial, and museum work, law, journalism, and publishing. Many of our majors work in other areas traditionally attracting liberal arts graduates--business and government, for example.

Students may complete internships in a variety of settings, such as George Washington's Mount Vernon, the Kent County Historical Society, the Maryland General Assembly, the Office of the Governor of Maryland, the Library of Congress, the National Portrait Gallery, and many others.

History students are eligible to prepare for secondary school teaching certification either in history or social studies. To ensure proper scheduling of courses, interested students should consult with the Chairs of the History and Human Development Departments as early in their college careers as possible.

Students who major in history may pursue a regional minor. These minors are administered through the International Studies Program, but students are not required to major in International Studies. See the Related Programs tab for the requirements for minors that may be of interest.

History Major Requirements

Code	Title	Credits	Notes
HIS 111	Introduction to History	4	_____
HIS 201	History of the United States to 1865	4	_____
or HIS 202	History of the United States Since 1865		_____
Select 1 Course From Below		**4**	_____
HIS 203	Modern World History I		_____
HIS 204	Modern World History II		_____
HIS 205	Early Origins of Western Civilization I		_____
HIS 206	Early Origins of Western Civilization II		_____
Select 7 Courses From Below (at least one from each the following sub-specialties):		**28**	_____
Pre-1860 United States			_____
HIS 313	17th and 18th Century America		_____
HIS 315	The Early Republic		_____
HIS 319	African - American History		_____
HIS 343	History of American Women		_____
HIS 414	Comparative Cultural Encounters		_____
Post-1860 United States			_____
HIS 319	African - American History		_____
HIS 334	The American Civil War		_____
HIS 335	Reconstruction and the Gilded Age		_____
HIS 336	Progressivism and the Twenties		_____
HIS 343	History of American Women		_____
Early Europe			_____
HIS 350	Empire and Papacy		_____

HIS 351	Ancient Rome		_____
HIS 352	Castles, Cloisters, Cathedrals, Mosques		_____
HIS 354	Renaissance & Reformation		_____
HIS 355	Women in Medieval Europe		_____
Modern Europe			_____
HIS 360	Modern Germany		_____
HIS 391	Russia and the Soviet Union		_____
HIS 392	Russia and the Soviet Union		_____
Global			_____
HIS 371	History of South Africa		_____
HIS 381	History of Modern China		_____
HIS 383	History of Modern Japan		_____
HIS 357	Early Islamic Civilization		_____
HIS 473	Latin American Literature as History		_____
HIS Special Topics Courses may count toward the major requirements.			_____
HIS 394	Special Topics		_____
HIS 494	Special Topics		_____
HIS 399	Historical Method (Junior Seminar)	4	_____
HIS SCE	Senior Capstone Experience	2-4	_____
Total Credits		**46-48**	_____

Sample Text

Major

- History Major (p. 128)

Minor

- Asian Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/asian-studies-minor/)
- European Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/european-studies-minor/)
- History Minor (p. 129)
- Latin American Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/latin-american-studies-minor/)
- Medieval and Early Modern Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/medieval-early-modern-studies-minor/)
- Museum, Field, and Community Education Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/museum-field-community-education-minor/)
- Near Eastern Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/near-eastern-studies-minor/)
- Peace and Conflict Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/peace-conflict-studies-minor/)

Certificate

- Secondary Education Certification Program (p. 94)

History Minor

Department of History (p. 123)
Division of Social Sciences

Engaging in historical studies at Washington College is an excellent preparation for future careers. Our graduates have been successful in secondary school and college teaching, archival, curatorial, and museum work, law, journalism, and publishing. Many of our minors work in other areas traditionally attracting liberal arts graduates--business and government, for example.

The history minor consists of at least six courses:

Code	Title	Credits	Notes
HIS 111	Introduction to History	4	_____
Select one U.S. History survey:		4	_____
HIS 201	History of the United States to 1865		_____

HIS 202	History of the United States Since 1865		_____
Select one non-U.S. History survery		4	_____
HIS 203	Modern World History I		_____
HIS 204	Modern World History II		_____
HIS 205	Early Origins of Western Civilization I		_____
HIS 206	Early Origins of Western Civilization II		_____
Select three more courses at the 300 or 400 level [1]		12	_____
Total Credits		**24**	_____

[1] At least one of the upper-level courses must be in U.S. history; at least one must be in non-U.S. history.

Major

- History Major (p. 128)

Minor

- Asian Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/asian-studies-minor/)
- European Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/european-studies-minor/)
- History Minor (p. 129)
- Latin American Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/latin-american-studies-minor/)
- Medieval and Early Modern Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/medieval-early-modern-studies-minor/)
- Museum, Field, and Community Education Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/museum-field-community-education-minor/)
- Near Eastern Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/near-eastern-studies-minor/)
- Peace and Conflict Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/peace-conflict-studies-minor/)

Mathematics and Computer science

Department of Mathematics and Computer Science
Division of Natural Sciences and Mathematics

The Mathematics and Computer Science Department offers three majors: Mathematics, Data Science, and Computer Science. Our curricula give students technical knowledge, a broad foundation of reasoning and analytical skills that can be applied to many fields, and frameworks to critically examine the societal and ethical implications of their work. Graduates can pursue graduate work in data science, computer science, or mathematics, teach in secondary schools, work as professionals in government and industry, or use quantitative and computing techniques in the natural sciences or social sciences, and so much more. The learning environment places emphasis on reasoning, active problem-solving, and communication skills. In our classes, students can expect to collaborate on problems, discuss technical and non-technical issues, deliver oral presentations, and write detailed papers. You may find some course descriptions under the Computer Science heading. Please see other majors under their own catalog headings.

- Computer Science Major (p. 140)
- Computer Science Minor (p. 141)
- Data Science Major (p. 142)
- Data Science Minor (p. 143)
- Mathematics Major (p. 144)
- Mathematics Minor (p. 146)

Gabe Feinberg, Co-Chair
Emerald Andrews, Co-Chair
Austin A. Lobo
Dylan Poulsen
Shaun Ramsey
Heather Switzer
Jordan Tirrell

Computer Science

CSI SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience in Computer Science can take one of three forms: a senior thesis and oral/poster presentation on a topic in theoretical computer science, a senior programming project with a written exposition and oral/poster presentation, or preparation for, and successful passing of, a technical interview akin to those expected in industry. Each major choosing the thesis option will research and write a senior thesis with the supervision of a faculty member and will make an oral presentation on the thesis at a departmental seminar or present a poster at a departmental poster presentation session. Each major choosing the thesis option should have a thesis topic selected and approved by the end of their junior year. Double majors are often able to combine their thesis from another department to write only one senior thesis. Each major choosing the programming project option will complete the project with the supervision of a faculty member and will also complete a written exposition and make an oral or poster presentation on the project at a departmental seminar. Each major choosing the programming project option should have a project selected and approved by the end of their junior year. The Senior Capstone Experience in computer science is graded as Pass, Fail, or Honors. Students must do a thesis or programming project and make an oral presentation to earn the grade of honors.
Term(s) Offered: All Terms, All Years

CSI 100 Basics of Computing 4 Credits
This course introduces computer programming in a modern, high-level programming language. Objectives include proficiency in the language (including variables, functions, types, flow control, and basic data structures) as well as familiarity with common computer science problem solving strategies. Students will also gain experience in team programming and in program design for practical problem solving. This course counts for distribution but does not count towards the major in computer science.
Term(s) Offered: Other, Non Conforming

CSI 104 Introduction to Game Design 4 Credits
A study of games and game design with a specific focus on building, iterating and breaking down a variety of game and game types. The tools applied in this class can be applied to many types of storytelling and they will be particularly analyzed and applied to board games and video games. A student will gain some experience with and use of at least one digital game platform. Groupwork, discussion, presentation and iterative development are heavily required in this course. This course counts for distribution but does not count towards the major in computer science,
Term(s) Offered: Other, Non Conforming

CSI 111 Computer Science I 4 Credits
The objectives of this course are threefold: to introduce programming concepts and algorithmic development, to teach an object-oriented programming language, and to teach how to design, code, debug and document programs using the techniques of good programming style.
Cross-listed as: CSI 201/CSI 111
Term(s) Offered: All Terms, All Years

CSI 112 Computer Science II 4 Credits
The objectives of this course are twofold: (a) to study data structures, such as stacks, queues, trees, dictionaries, tables, and graphs, their efficiency, and their use in solving computational problems; and (b) to gain proficiency in an object-oriented programming language. Exercises in that language will provide an opportunity to design and implement the data structures.
Requisites: Pre-req: CSI 111, C+ grade or better recommended
Cross-listed as: CSI 202/CSI 112
Term(s) Offered: All Terms, All Years

CSI 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

CSI 195 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

CSI 210 Object Oriented Programming 4 Credits
This course gives a deep understanding of object-oriented design and programming, and the design and coding of applications programs using Java. The use of Java for graphics and graphical user interfaces, multithreading, connectivity with databases and across networks will be covered. Students will be required to design and write a large application for a final course project that incorporates GUIs and a selection of the principles taught.
Requisites: Pre-req: CSI 112
Cross-listed as: CSI 203/CSI 210
Term(s) Offered: Fall, All Years

CSI 220 Data Science 4 Credits
The heart of data science is going from a deluge of numbers to ever-elusive insight. In this introduction we focus on first principles: asking good questions, being aware of our assumptions, and understanding what it means to do good science. Topics include exploratory analysis/descriptive statistics, statistical testing, and data visualization. The course concludes with an introduction to recent data-driven machine learning models. We discuss ethical issues pertaining to data and machine learning throughout the course, using current events and articles as they arise. The course is both math and programming intensive, although in a heavily applied manner.
Requisites: Pre-req: CSI 111
Cross-listed as: CSI 220/MAT 220
Term(s) Offered: Fall, All Years

CSI 230 Applied Decision Analysis 4 Credits
The course comprises an introduction to decision analysis and data-driven decision-making. The instruction includes hands-on experience with developing decision support applications programs. A computational approach will be used to teach and demonstrate the basic principles of descriptive and inferential statistics, linear programming, the design and implementation of databases, and rudimentary differential and integral calculus. With these, students learn how to acquire and clean data, develop models, perform optimization, simulation, statistical testing, goal-seeking and what-if analysis of the models, and will communicate their results in writing and verbally.
Term(s) Offered: Other, Non Conforming

CSI 240 Discrete Mathematics 4 Credits
An introduction to logic, reasoning, and the discrete mathematical structures that are important in computer science. Topics include proposition logic, types of proof, induction and recursion, sets, combinatorics, functions, relations, and graphs.
Requisites: Pre-req: MAT 111 or CSI 111
Cross-listed as: MAT 240/CSI 240
Term(s) Offered: All Terms, All Years

CSI 250 Intro Comp Organization & Architecture 4 Credits
Principles of computer organization and architecture are introduced, including interfacing and communication, register and memory organization, digital logic, representation of data, and introduction to assembly language.
Requisites: Pre-req: CSI 112
Term(s) Offered: Other, Non Conforming

CSI 252 Scientific Modeling & Data Analysis 4 Credits
This course serves as a focused introduction to programming for scientists and engineers. Topics include algorithm development, statistical tests, the fast Fourier transform (FFT), simulating the dynamics of systems represented by coupled ordinary differential equations (e.g. planetary motion via Runge-Kutta methods), numerical integration, root finding, fitting functions to experimental data, and the creation of publication-quality graphics. Students choose and complete an independent research project on a topic related to their major. This course enables students to integrate computation into advanced courses in theoretical and/or experimental science. Programming language: Python.
Requisites: Pre-req: MAT 112 . PHY 112
Cross-listed as: PHY 252/MAT 252/CSI 252
Term(s) Offered: Spring, All Years

CSI 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

CSI 295 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

CSI 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

CSI 310 Database Systems 4 Credits
An introduction to the design and use of databases together with insights into the key issues related to the use of database systems. The course covers the entity relationship model; the hierarchical, network, and relational data models, and their languages; functional dependencies and normal forms; the use of SQL language, and the design and implementation of relational databases using MS ACCESS and MySQL.
Requisites: Pre-req: CSI 111
Cross-listed as: CSI 310/CSI 360
Term(s) Offered: Other, Non Conforming

CSI 320 Theory of Computation 4 Credits
Formal models of computation such as finite state automata, pushdown automata, and Turing machines will be studied along with corresponding formal languages and context-free languages. Uncomputability, including the halting problem, and computational complexity including the classes P and NP and NP-completeness will be studied.
Requisites: Pre-req: CSI 111 and CSI 240
Cross-listed as: CSI 320/CSI 350
Term(s) Offered: Other, Non Conforming

CSI 330 GUI and Mobile Programming 4 Credits
Covers the fundamentals of existing mobile development frameworks, including data storage, the cloud, security, hashing, accessibility and the nature of user interaction. Other topics may include industry standards for GUI and mobile programming such as the model-view-controller framework, XML, and JSON.
Requisites: Pre-req: CSI 210
Term(s) Offered: Other, Non Conforming

CSI 340 Numerical Analysis 4 Credits
This course introduces techniques for approximating solutions to various mathematical problems that are either computationally challenging or impossible to solve via direct methods. Topics to be covered include error analysis, interpolation and extrapolation, numerical differentiation and integration, and iterative methods for solving systems of equations and eigenvalue problems.
Requisites: Pre or co-req: MAT 112
Cross-listed as: MAT 340/CSI 340
Term(s) Offered: Other, Non Conforming

CSI 350 Graph Theory and Combinatorics 4 Credits
This course introduces elementary combinatorial techniques used to enumerate large but finite discrete sets, including some of the following: permutations, the binomial theorem, partitions, bijections, and well-known sequences. It also presents the fundamentals of graph theory: trees, networks, paths and connectivity, matchings, colorings, and optimization algorithms. There is a significant proof-writing component plus computations and opportunities for coding.
Requisites: Pre-req: CSI 240
Cross-listed as: CSI 350/MAT 350
Term(s) Offered: Other, Non Conforming

CSI 360 Machine Learning 4 Credits
This is a class in finding patterns. Machine learning methods fit models to data to build representations of the underlying relationships. These models can then be applied to do tasks like classification, regression, and generation. As an undergraduate-level introductory course we focus on the core ideas and applications of the most important models, such as linear and logistic regression, nearest-neighbor methods, and support vector machines. We will give special emphasis to a variety of new deep learning techniques.
Requisites: Pre-req: CSI 111
Term(s) Offered: Spring, Odd Years

CSI 380 Design & Analysis of Algorithms 4 Credits
The topic of this course is the design of computer algorithms and techniques for analyzing their efficiency and complexity. Types of algorithms include greedy algorithms, divide and conquer algorithms, dynamic programming, searching and sorting.
Requisites: Pre or co-req: CSI 112 and CSI 240
Term(s) Offered: Other, Non Conforming

CSI 390 Computer Science Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

CSI 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

CSI 395 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member a
Term(s) Offered: Summer, Non Conforming

CSI 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

CSI 397 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

CSI 410 Computer Graphics 4 Credits
Introduces the principles of computer graphics, including transformations, viewing and modeling. Other topics may include perspective calculations, memory coherence, z-buffering, texturing, lighting and other fundamentals required to work with emerging graphics systems. Students write programs using a graphics library like OpenGL or DirectX.
Requisites: Pre-req: CSI*112
Term(s) Offered: Other, Non Conforming

CSI 420 Artificial Intelligence 4 Credits
Explores the principles and techniques involved in programming computers to do tasks that usually are thought of as requiring intelligence when done by people. State-space and heuristic search techniques, logic and other knowledgeable representations, and statistical and neural network approaches are applied to problems such as game playing, planning and understanding of natural language, and computer vision.
Requisites: Pre-req: CSI 112 and CSI 240
Cross-listed as: CSI 420/CSI 460
Term(s) Offered: Other, Non Conforming

CSI 430 Operating Systems 4 Credits
Introduction to operating systems including tasking, memory management, process scheduling, file systems, protection, and distributed systems.
Requisites: Pre or co-req: CSI 112
Term(s) Offered: Other, Non Conforming

CSI 440 Computer Networks 4 Credits
This course covers the principles, structure, and operation of computer networks. Emphasis is placed on understanding the protocols and mechanisms used in the Internet, and in local and wide-area networks. Students write application-level programs running on the LINUX or Windows operating systems.
Requisites: Pre or co-req: CSI 112
Cross-listed as: CSI 440/CSI 470
Term(s) Offered: Other, Non Conforming

CSI 450 Data Ethics and Practicum 4 Credits
This course, intended to be taken near the end of the Data Science major, focuses on gaining hands-on experience on real problems. Students select and work a series of data analysis projects in groups. Class time focusses on technical troubleshooting, ethical reflection, and presentations of work. The class seeks to expand students' imagination around their own role as ethical agents in the process of doing data science..
Requisites: Pre-req: MAT 209 . MAT 220 or CSI 220
Term(s) Offered: Spring, Non Conforming

CSI 460 Software Engineering 4 Credits
The topic of this course is the systematic process for creating software products as opposed to simply coding programs. The course covers project and product management, software architecture and design patterns, working in teams and effective communication. The course provides individualized and collaborative experience and a broad understanding of the practical skills necessary to be an effective software engineer in a professional environment.
Requisites: Pre or co-req: CSI 210
Term(s) Offered: Spring, All Years

CSI 470 Computer Networks 4 Credits
this course covers the principles, structure, and operation of computer networks. Emphasis will be placed on understanding the protocols and mechanisms used in the Internet, and in local and wide area networks. The student will write application-level programs running on the LINUX or Windows Operating systems.
Requisites: Pre or co-req: CSI 240 and CSI 250
Cross-listed as: CSI 440/CSI 470
Term(s) Offered: Spring, All Years

CSI 490 Computer Science Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

CSI 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

CSI 495 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, Even Years

CSI 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

CSI 497 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Mathematics

MAT SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience in mathematics consists of two components: a senior thesis and either an oral presentation of the thesis in front of the faculty and majors at seminar, or a poster presentation. Comprehensive exams may be offered in place of a traditional senior thesis. The Senior Capstone Experience in mathematics is graded as Pass, Fail, or Honors. Students must do a thesis and make an oral presentation to earn the grade of honors.
Term(s) Offered: All Terms, All Years

MAT 102 Chaos and Fractals 4 Credits
This course is an introduction to the rapidly developing science of complexity. It is a discussion of the tools-fractals, chaos, and self-organization-being refined for the purpose of understanding such things as the fractured and irregular structures of Nature, surprise and unpredictability, and the emergence of lifelike properties from inanimate matter. The theme of the course is that complexity can arise from simple origins, such as the repeated application of elementary processing rules. The course emphasizes the use of the computer for visualization. Practical application of these ideas in medicine and engineering will be discussed, as will examples of the connections between complexity in the sciences and that in the humanities and the arts.
Cross-listed as: MAT 120/MAT 102
Term(s) Offered: Other, Non Conforming

MAT 104 Finite Mathematics 4 Credits
Linear programming, matrices, sets and counting, Markov process, difference equations, and graphs. The course emphasizes developing, analyzing, and interpreting mathematical models.
Term(s) Offered: Other, Non Conforming

MAT 105 Communication, Patterns & Inventions 4 Credits
This course is designed for students in the Elementary Education Certification Program and for students planning to complete the Secondary Education Certification Program in an area other than mathematics. The framework of the course consists of four themes: Number Systems and their Operations, Algebra and Functions, Geometry and Measurement, Data Analysis, Statistics, and Probability. Emphasis throughout is on reasoning and problem-solving using concepts and procedures from all four areas. Substantial amounts of both reading and writing is required and students are expected to demonstrate both orally and in writing a thorough understanding of the concepts and the ability to communicate this understanding to others.
Cross-listed as: MAT 105/MAT 221
Term(s) Offered: Other, Non Conforming

MAT 106 Stretch Differential Calculus I 4 Credits
Analytic geometry, the derivative and differential, elementary functions, limits, continuity, and applications. This course is part 1 (of 2) of a yearlong sequence in differential calculus. At the end of this two-course sequence, students tackle all the topics above included in differential calculus. Completion of this year-long sequence is equivalent to completion of MAT 111: Differential Calculus. Please note, Pre-Calculus placement score must be less than 50 to take this course. Also note, MAT 106 and MAT 107 can be counted as a two-course quantitative sequence for distribution, but MAT 106 and 107 do not count as a quantitative course otherwise.
Term(s) Offered: Fall, All Years

MAT 107 Stretch Differential Calculus II 4 Credits
This course is the second semester of a year-long sequence in Differential Calculus. Topics in this course include trigonometry, derivatives of trigonometric functions, conic sections, implicit differentiation, and limits at infinity. The semester concludes with the Fundamental Theorem of Calculus. Throughout the semester, students work on a project involving Calculus, culminating in a final paper and a presentation. Completion of this year-long sequence is equivalent to completion of MAT 111: Differential Calculus. Also note, MAT 106 and MAT 107 can be counted as a two-course quantitative sequence for distribution, but MAT 106/107 does not count as a quantitative course otherwise.
Requisites: Pre-req: MAT 106
Term(s) Offered: Spring, All Years

MAT 109 Statistical Inference & Data Analysis I 4 Credits
Introduction to the theory and practice of data analysis and statistics in the natural and social sciences. Statistical software will be used. Topics will include data ethics, sampling, experimental design, descriptive statistics, conditional probability, the normal distribution, simple linear regression, confidence intervals, hypothesis tests, and decisions.
Cross-listed as: .
Term(s) Offered: All Terms, All Years

MAT 111 Differential Calculus 4 Credits
Analytic geometry, the derivative and differential, elementary functions, limits, continuity, and applications. Prerequisite: It is strongly recommended that a student should have strong algebra and trigonometric skills before taking this course.
Cross-listed as: MAT 111/MAT 201
Term(s) Offered: All Terms, All Years

MAT 112 Integral Calculus 4 Credits
The indefinite integral, the definite integral, the fundamental theorem of the integral calculus, sequences, series, and applications.
Requisites: Pre-req: MAT 111 or MAT 106 and MAT 107
Cross-listed as: MAT 202/MAT 112
Term(s) Offered: All Terms, All Years

MAT 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MAT 195 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.

MAT 196 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

MAT 197 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

MAT 209 Statistical Inference & Data Analysis II 4 Credits
A continuation of the theory and practice of data analysis and statistics in the natural and social sciences. Use of statistical software constitutes a significant part of this course. Common statistical mistakes and the careful and ethical application of statistical methods are emphasized. Topics include experimental design, multivariate linear regression, non-parametric and parametric inference, power calculations, logistic regression, chi-squared tests, and ANOVA.
Requisites: Pre-req: MAT 109
Cross-listed as: -
Term(s) Offered: Spring, All Years

MAT 210 Multivariable Calculus 4 Credits
Vectors, partial derivatives, and multiple integrals for functions of several variables. Line and surface integrals.
Requisites: Pre-req: MAT 112
Cross-listed as: MAT 203/MAT 210
Term(s) Offered: Fall, All Years

MAT 220 Data Science 4 Credits
The heart of data science is going from a deluge of numbers to ever-elusive insight. In this introduction we focus on first principles: asking good questions, being aware of our assumptions, and understanding what it means to do good science. Topics include exploratory analysis/descriptive statistics, statistical testing, and data visualization. The course concludes with an introduction to recent data-driven machine learning models. We discuss ethical issues pertaining to data and machine learning throughout the course, using current events and articles as they arise. The course is both math and programming intensive, although in a heavily applied manner.
Requisites: Pre-req: CSI 111
Cross-listed as: CSI 220/MAT 220
Term(s) Offered: Fall, All Years

MAT 230 Foundations of Geometry 4 Credits
A critical study of the basic concepts of geometry. This course begins with an axiomatic approach to Euclidean geometry which includes careful proofs of its principal theorems. The course will continue with an examination of various types of non-Euclidean geometries which may include spherical geometry, projective geometry, and/or hyperbolic geometry.
Requisites: Pre-req: MAT 112
Term(s) Offered: Other, Non Conforming

MAT 240 Discrete Mathematics 4 Credits
An introduction to logic, reasoning, and the discrete mathematical structures that are important in computer science. Topics include proposition logic, types of proof, induction and recursion, sets, combinatorics, functions, relations, and graphs.
Requisites: Pre-req: MAT 111 or CSI 111
Cross-listed as: MAT 240/CSI 240
Term(s) Offered: All Terms, All Years

MAT 252 Scientific Modeling & Data Analysis 4 Credits
This course serves as a focused introduction to programming for scientists and engineers. Topics include algorithm development, statistical tests, the fast Fourier transform (FFT), simulating the dynamics of systems represented by coupled ordinary differential equations (e.g. planetary motion via Runge-Kutta methods), numerical integration, root finding, fitting functions to experimental data, and the creation of publication-quality graphics. Students choose and complete an independent research project on a topic related to their major. This course enables students to integrate computation into advanced courses in theoretical and/or experimental science. Programming language: Python.
Requisites: Pre or co-req: MAT 112
Cross-listed as: PHY 252/MAT 252/CSI 252
Term(s) Offered: Spring, All Years

MAT 280 Linear Algebra 4 Credits
An introduction to linear algebra balancing computation and the reading, understanding, and writing of mathematical proofs. A selection of topics from systems of linear equations, matrices, vector spaces, bases, dimension, linear transformations, determinants, eigenvalues, change of basis, matrix representations of linear transformations, matrix decompositions, and applications of linear algebra. It is recommended that students take MAT 240 before this course.
Requisites: Pre-req: MAT 240, CSI 240 OR MAT 111
Cross-listed as: MAT 325/MAT 280
Term(s) Offered: Spring, All Years

MAT 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MAT 295 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.

MAT 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

MAT 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

MAT 310 Differential Equations 4 Credits
Elementary methods for the solution of ordinary differential equations, including the expansion of the solution in an infinite series.
Requisites: Pre-req: MAT 112
Cross-listed as: MAT 310/MAT 345
Term(s) Offered: Spring, All Years

MAT 320 Probability 4 Credits
Events and their probabilities, dependence, and independence. Bayes Theorem. Variates and expected values. Theorems of Bernoulli and De Moivre. Special distributions. Central limit theorem and applications.
Requisites: Pre-req: MAT 112
Cross-listed as: MAT 318/MAT 320
Term(s) Offered: Other, Non Conforming

MAT 330 Complex Analysis 4 Credits
Theory of functions of a complex variable, including applications to problems in the theory of functions of a real variable. Cauchy's Integral Formula and its application to the calculus of residues.
Requisites: Pre-req: MAT 240
Cross-listed as: MAT 316/MAT 330
Term(s) Offered: Other, Non Conforming

MAT 340 Numerical Analysis 4 Credits
This course introduces techniques for approximating solutions to various mathematical problems that are either computationally challenging or impossible to solve via direct methods. Topics to be covered include error analysis, interpolation and extrapolation, numerical differentiation and integration, and iterative methods for solving systems of equations and eigenvalue problems.
Requisites: Pre-req: MAT 112
Cross-listed as: MAT 340/CSI 340
Term(s) Offered: Other, Non Conforming

MAT 350 Graph Theory & Combinatorics 4 Credits
This course introduces elementary combinatorial techniques used to enumerate large but finite discrete sets, including some of the following: permutations, the binomial theorem, partitions, bijections, and well-known sequences. It also presents the fundamentals of graph theory: trees, networks, paths and connectivity, matchings, colorings, and optimization algorithms. There is a significant proof-writing component plus computations and opportunities for coding.
Requisites: Pre-req: CSI 240
Cross-listed as: CSI 350/MAT 350
Term(s) Offered: Other, Non Conforming

MAT 370 Operations Research 4 Credits
This course tackles challenges that arise in the functioning (operations) of a complex organization, and then works to formulate, analyze, and solve corresponding mathematical decision models. Some of these challenges might involve distributing tasks among processes competing for limited resources, arranging transportation between hubs to minimize cost, or scheduling employees' shifts to meet demands while lowering payroll costs. We develop mathematical and computational tools, understand how they work, and explore some of their historic usage in industry. Topics include some combination of: linear programming & the simplex method; transportation & assignment problems; network models; dynamic programming; integer programming.
Requisites: Pre-req: CSI 240 or MAT 280
Cross-listed as: Mat 370/CSI 370
Term(s) Offered: Other, Non Conforming

MAT 380 Number Theory 4 Credits
Factorization of integers. Congruences and residue classes. Theorems of Euler, Fermat, Wilson, and Gauss. Primitive roots. Quadratic residues and the reciprocity theorem.
Requisites: Pre-req: MAT 240
Cross-listed as: MAT 380/MAT 360
Term(s) Offered: Other, Non Conforming

MAT 390 Mathematics Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MAT 391 Junior Math Major Seminar I 1 Credit
Open to mathematics majors only. Weekly meetings of the majors and faculty in the department are scheduled to provide information about careers, graduate school, thesis topics, and research areas, as well as to prepare each major to make presentations of problem solutions and to make the required presentation on the thesis. All junior mathematics majors are enrolled in the seminar and will receive a pass/fail grade at the end of the semester. Junior standing, and permission of the Department.
Term(s) Offered: Fall, All Years

MAT 392 Junior Math Major Seminar II 1 Credit
Open to mathematics majors only. Weekly meetings of the majors and faculty in the department are scheduled to provide information about careers, graduate school, thesis topics, and research areas, as well as to prepare each major to make presentations of problem solutions and to make the required presentation on the thesis. All junior mathematics majors are enrolled in the seminar and will receive a pass/fail grade at the end of the semester. Junior standing, and permission of the Department.
Term(s) Offered: Spring, All Years

MAT 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MAT 395 Summer Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.

MAT 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

MAT 397 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

MAT 410 Abstract Algebra 4 Credits
Introduction to groups, rings and fields. Other topics may include integral domains, polynomial rings, and fields.
Requisites: Pre-req: MAT 240, MAT 280
Cross-listed as: MAT 322/MAT 410
Term(s) Offered: Fall, Odd Years

MAT 470 Real Analysis I 4 Credits
A rigorous treatment of single-variable calculus. A selection of topics from the properties and the topology of the real numbers, sequences, series, continuity, differentiation, and Riemann integration.
Requisites: Pre-req: MAT 210 and MAT 240 or 280
Cross-listed as: MAT 311/MAT 470
Term(s) Offered: Fall, Even Years

MAT 480 Real Analysis II 4 Credits
A continuation of Real Analysis II. Topics selected according to student and instructor interest. Topics could include analysis in metric spaces, analysis in n-dimensional space, Fourier analysis, functional analysis, measure theory, and Lebesgue integration. Suitable for engineers, chemists, physicists, economists, and mathematicians.
Requisites: Pre-req: MAT 470
Term(s) Offered: Other, Non Conforming

MAT 490 Mathematics Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MAT 491 Senior Math Major Seminar I 1 Credit
Open to mathematics majors only. Senior students make a presentation of a preliminary outline of their capstone project in the fall semester and present a report on the completed capstone project in the spring. All senior mathematics majors are enrolled in the seminar and receive a pass/fail grade at the end of the semester.
Requisites: Pre-req: MAT 391, MAT 392
Term(s) Offered: Fall, All Years

MAT 492 Senior Math Major Seminar II 1 Credit
Open to mathematics majors only. Senior students make a presentation of a preliminary outline of their capstone project in the fall semester and present a report on the completed capstone project in the spring. All senior mathematics majors are enrolled in the seminar and receive a pass/fail grade at the end of the semester.
Term(s) Offered: Spring, All Years

MAT 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MAT 495 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.

MAT 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

MAT 497 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

Computer Science Major

Department of Mathematics and Computer Science (p. 130)
Division of Natural Sciences and Mathematics

Our computer science curriculum is consistent with the principles of a liberal education while providing a meaningful preparation for graduate school, professional programs or the work environment. The curriculum reaches across the aisle to other departments and divisions at the college to make meaningful connections for all of the liberal arts. The course load is appropriate for students double-majoring in other subjects at the College.

Foundational courses are the gateway to the major. Prospective majors should begin with CSI 111 Computer Science I. Many CSI upper-level courses require MAT 240 Discrete Mathematics/CSI 240 Discrete Mathematics Discrete Mathematics; students are encouraged to take these courses during their freshman or sophomore year, after successfully completing either MAT 111 Differential Calculus, or MAT 106 Stretch Differential Calculus I / MAT 107 Stretch Differential Calculus IIor CSI 111 Computer Science I. Students should pass prerequisite courses with a grade of C or higher.

Computer Science Major Requirements

Students should begin computer science sequence with CSI 111 Computer Science I; however, students who earn computer science advanced placement credit who may start at a higher level and are encouraged to consult with the Department Chair.

The BS in Computer Science consists of 12 courses (counting the senior capstone experience): Total Credits = 48 credits

Code	Title	Credits	Notes
Foundational and Core Courses		**28**	_____
CSI 111	Computer Science I		_____
CSI 112	Computer Science II		_____
CSI 210	Object Oriented Programming		_____
CSI/MAT 240	Discrete Mathematics		_____
CSI 320	Theory of Computation		_____
CSI 380	Design & Analysis of Algorithms		_____
CSI 460	Software Engineering		_____
Three Electives		**12**	_____
Three Electives chosen from CSI courses numbered 200 and above or any other course approved by the department chair			_____
Select 1 Math Course From Below		**4**	_____
MAT 106 & MAT 107	Stretch Differential Calculus I and Stretch Differential Calculus II		_____
MAT 109	Statistical Inference & Data Analysis I		_____
MAT 111	Differential Calculus		_____
MAT 280	Linear Algebra		_____
Senior Capstone Experience (CSI SCE)		**2-4**	_____
Total Credits		**46-48**	_____

Completion of a three-course track which may include courses listed above:

- A track is a set of three related courses, mutually agreed upon by the student and their computer science advisor (with final approval by the Chair).
- Track courses may include major requirements, computer science electives, or courses outside computer science.
- Track requirements will usually be satisfied by courses that are also used to meet other requirements, such as computer science electives. There is no restriction against courses counting towards the track and something else.

Code	Title	Credits	Notes
Systems Track			_____
CSI 250	Intro Comp Organization & Architecture		_____
CSI 430	Operating Systems		_____
CSI 440	Computer Networks		_____

Data Science Track		_____
MAT 109	Statistical Inference & Data Analysis I	_____
CSI 220	Data Science	_____
CSI 360	Machine Learning	_____
Software Track		_____
CSI 330	GUI and Mobile Programming	_____
CSI 380	Design & Analysis of Algorithms	_____
CSI 460	Software Engineering	_____
Agents Track		_____
CSI 310	Database Systems	_____
CSI 360	Machine Learning	_____
CSI 420	Artificial Intelligence	_____
Electronics Track		_____
CSI 250	Intro Comp Organization & Architecture	_____
MAT 210	Multivariable Calculus	_____
PHY 252	Scientific Modeling & Data Analysis	_____
Cybersecurity Track		_____
CSI 250	Intro Comp Organization & Architecture	_____
CSI 440	Computer Networks	_____
MAT 310	Differential Equations	_____
Games & Graphics Track		_____
CSI 104	Introduction to Game Design	_____
CSI 330	GUI and Mobile Programming	_____
CSI 410	Computer Graphics	_____

Major

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Minor

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Certificate

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Computer Science Minor

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The computer science minor consists of three introductory computer science courses to build coding knowledge, Discrete Mathematics to build theoretical computer science knowledge, and two upper-level electives to understand the field more deeply.

Computer Science Minor Requirements

Code	Title	Credits	Notes
CSI 111	Computer Science I	4	_____
CSI 112	Computer Science II	4	_____
CSI 210	Object Oriented Programming	4	_____
CSI/MAT 240	Discrete Mathematics	4	_____
CSI, MAT, PHY [See Note]		4	_____

CSI, MAT, PHY [See Note]	4	_____
Total Credits	**24**	_____

Note: Chosen from CSI courses numbered 200 and above or any other course approved by the department chair.

Text for related programs

Data Science Major

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While data science is a new concept to describe a suite of technical and investigative skills, the heart of the subject is rooted in mathematics, statistics, and computer science. Our major therefore draws on these subjects for the core of the program. Data science does not exist within a vacuum, however, and domain-specific knowledge is essential for students to leverage their technical expertise in different fields. Our electives help students gain that domain expertise. The data practicum and the Senior Capstone Experience bring together the technical and domain specific knowledge, allowing students to complete data science projects from start to finish. Along with Washington College's distribution requirements, we aim for students to have the ability to use data as a lens to critically examine important issues in the world.

Data science is often concerned with questions of generalization and prediction, which are fraught with ethical potholes. By situating this program within Washington College's broader liberal arts context, where students are prepared for serious ethical reflection within every class, we provide our students with a strong foundation for ethically interrogating their work.

Data Science Major Requirements

Data Science students start with MAT 109 Statistical Inference & Data Analysis I, as well as computer science with CSI 111 Computer Science I. However, students who have earned advanced placement credit for statistics or computer science may start at a higher level and are encouraged to consult with the Department Chair to make such arrangements.

The major in data science consists of the senior capstone plus a minimum of twelve courses: nine core courses, and three electives.

Students should not take a course unless they received a grade of C or higher in the prerequisite course.

Code	Title	Credits	Notes
Foundational and Core Courses		**36**	_____
CSI 111	Computer Science I		_____
CSI 310	Database Systems		_____
CSI 220	Data Science		_____
CSI 360	Machine Learning		_____
CSI 450	Data Ethics and Practicum		_____
MAT 109	Statistical Inference & Data Analysis I		_____
MAT 209	Statistical Inference & Data Analysis II		_____
MAT/CSI 240	Discrete Mathematics		_____
MAT 280	Linear Algebra		_____
or MAT 370	Operations Research		_____
Select 3 Courses From Below		**12**	_____
BUS 357	Intro to Quantitative Finance		_____
CSI 112	Computer Science II		_____
CSI 380	Design & Analysis of Algorithms		_____
CSI 420	Artificial Intelligence		_____
ECN 320	Econometrics		_____
ENV 211	Intermediate Geographic Info Systems		_____
MAT 280	Linear Algebra ((if not counted in the core above))		_____
MAT 320	Probability		_____
MAT 370	Operations Research ((if not counted in the core above))		_____

PHY 252	Scientific Modeling & Data Analysis		_____
SOC 306	Research Methods in Sociology		_____
Other course may be approved by the Department Chair.			_____
Senior Capstone Experience (DTS SCE)		**2-4**	_____
Total Credits		**50-52**	_____

Major

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Minor

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Certificate

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Data Science Minor

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Division of Natural Sciences and Mathematics

The data science minor is a perfect pairing with any major. In your major, you will gain domain expertise, while the data science minor will give you the tools and experience to investigate questions within that domain through the lens of data analysis. You will also be able to critically interogate the role of data and the ethics of data within your chosen field.

Data Science Minor Requirements

Code	Title	Credits	Notes
Required Courses		**24**	_____
MAT 109	Statistical Inference & Data Analysis I		_____
MAT 209	Statistical Inference & Data Analysis II		_____
or CSI 360	Machine Learning		_____
MAT/CSI 240	Discrete Mathematics		_____
or MAT 280	Linear Algebra		_____
or MAT 370	Operations Research		_____
CSI 111	Computer Science I		_____
CSI 220	Data Science		_____
CSI 310	Database Systems		_____
Two Electives from the Following		**8**	_____
BUS 357	Intro to Quantitative Finance		_____
CSI 112	Computer Science II		_____
CSI 360	Machine Learning (if not counted in the core above)		_____
CSI 380	Design & Analysis of Algorithms		_____
CSI 420	Artificial Intelligence		_____
CSI 450	Data Ethics and Practicum		_____
ECN 320	Econometrics		_____
ENV 211	Intermediate Geographic Info Systems		_____
MAT/CSI 240	Discrete Mathematics		_____
MAT 280	Linear Algebra (if not counted in the core above)		_____

MAT 370	Operations Research (if not counted in the core above)		_____
MAT 320	Probability		_____
PHY 252	Scientific Modeling & Data Analysis		_____
SOC 306	Research Methods in Sociology		_____
Other course may be approved by the Department Chair			_____
Total Credits		**32**	_____

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Minor

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Certificate

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Mathematics Major

Department of Mathematics and Computer Science (p. 130)
Division of Natural Sciences and Mathematics

In mathematics, the foundational courses listed below are the gateway to the major. Prospective majors should begin coursework in the foundational courses during their first semester at the College (usually with MAT 111 Differential Calculus or MAT 106 Stretch Differential Calculus I/MAT 107 Stretch Differential Calculus II). Many of our upper-level courses require MAT 240 Discrete Mathematics, so students are encouraged to complete this course during their freshman or sophomore year, after successfully completing either MAT 111 Differential Calculus or MAT 106 Stretch Differential Calculus I/MAT 107 Stretch Differential Calculus II. The Department strongly advises students not to take a course unless they earn a grade of C or better in the prerequisite course.

Requirements for The Bachelor of Science in Mathematics

Normally a student with good preparation in mathematics who intends to major in mathematics or one of the natural sciences will start in the calculus sequence with MAT 111 Differential Calculus, but a student who has had some work in calculus or who has received advanced placement credit for calculus may start with a more advanced course and is encouraged to consult with the department chair to make such arrangements. Students who would like a slower introduction to calculus with integrated pre-requisite material may take the 2-semester Stretch Differential Calculus sequence (MAT 106 Stretch Differential Calculus I and MAT 107 Stretch Differential Calculus II) in place of MAT 111 Differential Calculus.

Mathematics and computer science majors are eligible for the teacher education program. To assure proper scheduling, students wishing to become certified to teach mathematics should inform the chairs of both the Mathematics and Computer Science and Education Departments as soon as possible.

The mathematics major is also compatible with extended courses of study such as the Combined Plan in Engineering at Columbia University or Washington University in St. Louis, where students will take several upper-level math classes. As such, these students will have portions of the major waived, as noted below. Specifically, they can take fewer electives and can forgo writing a senior thesis or taking comprehensive exams.

MATHEMATICS MAJOR REQUIREMENTS

Code	Title	Credits	Notes
Core Courses		**24**	_____
MAT 109	Statistical Inference & Data Analysis I		_____
MAT 111	Differential Calculus		_____
or MAT 106 & MAT 107	Stretch Differential Calculus I and Stretch Differential Calculus II		_____
MAT 112	Integral Calculus		_____
MAT 210	Multivariable Calculus		_____
MAT/CSI 240	Discrete Mathematics		_____

MAT 280	Linear Algebra		_____
Select 1 Course From Below		**4**	**_____**
CSI 111	Computer Science I		_____
CSI/PHY 252	Scientific Modeling & Data Analysis		_____
Select 1 Course From Below		**4**	**_____**
MAT 410	Abstract Algebra		_____
MAT 470	Real Analysis I		_____
Select 3 Courses From Below (1 must be MAT) [1]		**12**	**_____**
ECN 320	Econometrics		_____
CHE 305	Chemical Thermodynamics/Kinetics w/Lab		_____
CHE 306	Quantum Chem & Spectro with Lab		_____
CSI 220	Data Science		_____
CSI 320	Theory of Computation		_____
CSI 360	Machine Learning		_____
CSI 380	Design & Analysis of Algorithms		_____
MAT 209	Statistical Inference & Data Analysis II		_____
MAT 230	Foundations of Geometry		_____
MAT 310	Differential Equations		_____
MAT 320	Probability		_____
MAT 330	Complex Analysis		_____
MAT 340	Numerical Analysis		_____
MAT/CSI 350	Graph Theory & Combinatorics		_____
MAT 370	Operations Research		_____
MAT 380	Number Theory		_____
MAT 480	Real Analysis II		_____
MAT 394	Special Topics		_____
or MAT 294	Special Topics		_____
or MAT 494	Special Topics		_____
PHY 321	Classical Mechanics		_____
PHY 322	Quantum Mechanics		_____
PHY 324	Electricity and Magnetism		_____
Major Seminars		**4**	**_____**
MAT 391	Junior Math Major Seminar I (1 credit)		_____
MAT 392	Junior Math Major Seminar II (1 credit)		_____
MAT 491	Senior Math Major Seminar I (1 credit) [3]		_____
MAT 492	Senior Math Major Seminar II (1 credit) [3]		_____
Senior Capstone Experience (MAT SCE) [2]		**2-4**	**_____**
Total Credits		**50-52**	**_____**

1 Students successfully completing an approved extended course of study in an engineering program may complete only two of the following, at least one of which is a MAT course.

2 Completion of a dual-degree engineering program satisfies the SCE requirement.

3 This requirement is waived for students completing a dual-degree engineering program.

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Minor

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Mathematics Minor

Department of Mathematics and Computer Science (p. 130)
Division of Natural Sciences and Mathematics

The mathematics minor consists of

- Five foundational courses (excluding statistics)
- One advance course
- One elective

Mathematics Minor Requirements

Code	Title	Credits	Notes
Foundational Courses		**20**	_____
MAT 111	Differential Calculus		_____
or MAT 106 & MAT 107	Stretch Differential Calculus I and Stretch Differential Calculus II		_____
MAT 112	Integral Calculus		_____
MAT 210	Multivariable Calculus		_____
MAT/CSI 240	Discrete Mathematics		_____
MAT 280	Linear Algebra		_____
Select 1 Course From Below		**4**	_____
MAT 410	Abstract Algebra		_____
MAT 470	Real Analysis I		_____
Select 1 Course From Below		**4**	_____
ECN 320	Econometrics		_____
CHE 305	Chemical Thermodynamics/Kinetics w/Lab		_____
CHE 306	Quantum Chem & Spectro with Lab		_____
CSI 220	Data Science		_____
CSI 320	Theory of Computation		_____
CSI 360	Machine Learning		_____
CSI 380	Design & Analysis of Algorithms		_____
MAT 209	Statistical Inference & Data Analysis II		_____
MAT 230	Foundations of Geometry		_____
MAT 310	Differential Equations		_____
MAT 320	Probability		_____
MAT 330	Complex Analysis		_____
MAT 340	Numerical Analysis		_____
MAT/CSI 350	Graph Theory & Combinatorics		_____
MAT 370	Operations Research		_____

MAT 380	Number Theory		_____
MAT 410	Abstract Algebra (if not counted as the advanced course above)		_____
MAT 470	Real Analysis I (if not counted as the advanced course above)		_____
MAT 480	Real Analysis II		_____
MAT 294	Special Topics [1]		_____
or MAT 394	Special Topics		_____
or MAT 494	Special Topics		_____
PHY 321	Classical Mechanics		_____
PHY 324	Electricity and Magnetism		_____
PHY 322	Quantum Mechanics		_____
Total Credits		**28**	_____

[1] Appropriate special topics in other subjects approved by the Department Chair

Quantitative Distribution

With a few exceptions, any MAT or CSI course can be counted for distribution. In particular: The 2-semester MAT 106 Stretch Differential Calculus I and MAT 107 Stretch Differential Calculus II count as two courses toward the quantitative distribution component but taking only one semester will not count for any. Designated MAT **or** CSI special topics classes may be excluded.

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Music

Division of Humanities and Fine Arts

Music transcends time and geographic boundaries. The study of music, as a diverse human cultural expression, includes not only the analysis of the music itself, but importantly, the very processes that shape the uses and functions of music in society, such as the construction of historical memory, the role of music in human migrations, kinesics (bodily movement) as well as other socio-cultural factors such as the role of music in shaping identity, its use in ritual and belief systems, as a tool for political activism, and as a creative artistic expression. In this spirit, the Department of Music recognizes and celebrates the diversity of musical experiences––from performance and education to music business and production.

As a model for true liberal arts learning, the Department of Music's educational goals are guided by an interdisciplinary approach to teaching music. In the medieval university, music, arithmetic, geometry, and astronomy together formed the *quadrivium*, the upper division of the seven liberal arts. In addition, music held an important position in the philosophy and theology of the age. The music department at Washington College is committed to assisting both students who expect to study music in preparation for a professional career, as well as those who wish to pursue music as an interest or avocation. Our BA degree program is flexible and divided into specific advisory tracks that include performance (vocal and instrumental), music education, music history and criticism, world music and ethnomusicology, theory and composition, and the traditional liberal arts. The course offerings provide solid preparation for a lifelong engagement with music.

All students pursuing the study of music in a liberal art setting, regardless of intended major or future career, are given opportunities to explore music and to develop their individual musical talents through a selection of classroom experiences, private lessons, and ensemble offerings.

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Jonathan McCollum, Chair
Kenneth Schweitzer, Associate Chair
Davy DeArmond
Lucia Disano
Alec Green

J. Ernest Green
Lori Kesner
John Leupold
Kimberly McCollum
Joshua Mlodzianowski
Woobin Park
Carolene Winter

MUS SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience may be fulfilled by writing an extensive research paper or an extended composition; by presenting a research paper in conjunction with a lecture recital; by performing an hour-long solo recital; or by combining a half recital with a research paper.
Term(s) Offered: All Terms, All Years

MUS 100 Introduction to Music 4 Credits
An introduction to music including the study of notation, the basic elements of music theory, terminology, instrumentation, form, and the basic style periods. Representative works are examined, and the aesthetics of music are considered. Intended for students with little or no background in music.
Term(s) Offered: All Terms, All Years

MUS 104 Intro to World Music & Ethnomusicology 4 Credits
An introduction to music of the world, including popular, folk, religious and classical traditions. Explores the way ethnomusicologists organize and analyze knowledge about the world, while investigating the ways music acquires meaning in performances that are socially, historically, and culturally situated.
Cross-listed as: MUS 104/ANT 104
Term(s) Offered: All Terms, All Years

MUS 106 Rock, Pop, and American Culture 4 Credits
An examination of popular music in America from the 1830s through the modern day. With a particular emphasis being placed on the 1950s and 1960s, students will develop an understanding of the cultural, political, and economic forces of these eras and will examine how popular music history intersects with all aspects of American history and culture. This course also examines several important threads in popular music history, including the ever-present, but ever changing, role of race relations, the impact of evolving technologies, and the history of the music industry. In addition to reading the assigned textbook, students are also asked to watch/listen to important archival performances, televised interviews with notable musicians, radio interviews with scholars of popular culture, and other relevant primary sources.
Term(s) Offered: All Terms, Non Conforming

MUS 131 Music Theory I 4 Credits
The basic goal in music theory courses is to focus on the growth and development in the areas of comprehension, skills, and creativity. The academic approach is to study and apply principles of melodic, harmonic, contrapuntal and formal structures, which are basic to musical composition and essential to the serious musician. The lecture portion of this course will focuses on the elements of diatonic harmony through part-writing, formal analysis, and composition. The ear-training portion focuses on the development of intervals, triads, rhythmic study/dictation, melodic dictation, and sight-singing. Recommended for participants in performance groups.
Term(s) Offered: Fall, All Years

MUS 132 Music Theory II 4 Credits
As a continuation of MUS 131, Music Theory II continues the development of music comprehension through theory lectures/exercises and aural skills training. The lecture portion of this course focuses on part writing, the study of diatonic harmony, and formal analysis. The ear-training portion of this course focuses on the continuation and development of intervals, triads, seventh chords, melodic dictation, harmonic dictation, rhythmic dictation, as well as sight-singing and rhythmic studies. Recommended for participants in performance groups. Prerequisite: MUS 131 (Students who have a strong background in theory may take an examination to receive advanced standing and exemption from this prerequisite).
Requisites: Pre-req: MUS 131
Term(s) Offered: Spring, All Years

MUS 135 Class Piano I 2 Credits
Class Piano I introduces the art of piano playing through establishing fundamentals in proper piano technique and facility. Simplified classical and popular literature is taught in conjunction with fundamental music theory, technique, rhythmic exercises, and sight-reading. This class is designed for students who have never played the piano and have no prior formal piano study.
Term(s) Offered: All Terms, All Years

MUS 136 Class Guitar I 2 Credits
Class Guitar I offers group instruction in the fundamental principles of playing the guitar. Students are introduced to a variety of styles and techniques for the guitar and learn to read standard notation and tablature. Course goals are to develop and improve technical skills and musicality, while gaining a deeper understanding of music theory, fretboard harmony, and performance practice of various stylistic periods and musical genres. No prior experience is required.
Term(s) Offered: All Terms, All Years

MUS 194 Special Topics 4 Credits
A period course in music history or an offering in some other specific area of interest, such as conducting, composition, or independent research.
Term(s) Offered: All Terms, All Years

MUS 203 History Western MUS: Ancient to Baroque 4 Credits
An examination of music in Western culture from its roots in ancient Greece to 1750. This course covers the Ancient, Medieval, Renaissance, and Baroque periods of music history. Areas of focus include the transformation of musical language and form, notions of musical creativity, music and politics, and the sociology of listening. These themes will are explored through close readings and analyses of significant musical, literary and philosophical works. This course requires that students have an advanced knowledge in reading and writing music notation.
Term(s) Offered: All Terms, Non Conforming

MUS 204 History Western MUS: Classical-Romantic 4 Credits
An examination of music in Western culture from the end of the Classical to the Romantic periods. Areas of focus include the transformation of musical language and form, notions of musical creativity, music and politics, and the sociology of listening. These themes are explored through close readings and analyses of significant musical, literary and philosophical works. This course requires that students have anadvanced knowledge in reading and writing music notation.
Term(s) Offered: All Terms, Non Conforming

MUS 205 History Western Music: Music Since 1900 4 Credits
An examination of music in Western culture since 1900. This course covers Impressionism, Modalism, Expressionism, Free Atonality, Modernism, Neoclassicism, Nationalism, Minimalism, and Postmodernism. Areas of focus include the transformation of musical language and form, notions of musical creativity, music and politics, and the sociology of listening. These themes are explored through close readings and analyses of significant musical, literary and philosophical works. This course requires that students have an advanced knowledge in reading and writing music notation.
Term(s) Offered: All Terms, Non Conforming

MUS 206 Jazz History 4 Credits
Jazz is both a uniquely American style as well as an international collaboration. Beginning with an examination of the roots and antecedents of jazz in the mid-1800s, students learn the artistic contributions of many notable instrumentalists, vocalists, bandleaders and arrangers. Particular emphasis is placed upon understanding the musical and social forces that influenced each artist, and the role of each artist in encouraging innovation and development within this art form. Prior musical experience is not required.
Term(s) Offered: All Terms, Non Conforming

MUS 231 Music Theory III 4 Credits
Upon completion of Music Theory I and II, students have gained a basic knowledge of diatonic harmony. Music Theory III delves into more advanced topics addressing diatonic and chromatic harmonies, as well as large-scale form. The lecture portion of this course focuses on more advanced work in diatonic harmony, including applied chords, modulation, form, modal mixture, and other chromatic harmony. This is accomplished through part-writing, formal analysis, and composition. The ear-training portion will focus on the continued development of intervals, triads, rhythmic study/dictation, melodic dictation, harmonic dictation, and sight-singing.
Requisites: Pre-req: MUS 132
Term(s) Offered: Fall, All Years

MUS 233 Conducting I 2 Credits
A study of basic conducting skills, score reading, rehearsal techniques, and the elements of arranging.
Term(s) Offered: All Terms, Non Conforming

MUS 234 Creative Process 4 Credits
This course gives an overview of major topics in creativity: the pleasures and pitfalls as well as effective strategies to use in creative work. Each week we tackle another issue and explore ways to approach creativity in the broadest sense. At the same time students work on self-directed projects throughout the semester (largely outside of class time), submit weekly progress updates, and periodically share with the class. By the end of the semester students have a range of tools and hands-on experiences to return to again and again in their future creative work.Prerequisite: One course of Studio Art, Music, Theatre, Dance, or Creative Writing, or permission of the instructor.
Requisites: Pre-req: One course of Studio Art, MUS, THE, DAN, or Creative Writing
Cross-listed as: Art 277/MUS 234/THE 233
Term(s) Offered: Spring, All Years

MUS 235 Class Piano II 2 Credits
Class Piano II teaches the art of piano playing through establishing fundamentals in proper piano technique and facility. This course is a continuation of Class Piano I and is designed for students who already possess basic piano skills. Intermediate level classical and popular literature is taught in conjunction with fundamental music theory, technique, rhythmic exercises, and sight-reading.
Requisites: Pre-req: MUS 135
Term(s) Offered: All Terms, All Years

MUS 236 Class Guitar II 2 Credits
Class Guitar II offers Intermediate/advanced group guitar instruction. In a group setting, students learn music from various stylistic periods and genres and continue to develop technical and musical skills on the guitar.
Requisites: Pre-req: MUS 136
Term(s) Offered: All Terms, All Years

MUS 238 Musical Theater Practicum 2 Credits
This course provides an opportunity for singer-actors to develop the skills to be successful performers, practitioners, and directors in the world of musical theater. The class format is hands-on and practicum based. It is highly interactive, requiring students come to each class session prepared to sing, act, and critique one another. Additionally, students are expected to participate in one or more performances. These may include a Cabaret, a concert production of a musical, a staged reading of a musical, or a full-blown production, with staging, scenery, costumes, and lights.
Term(s) Offered: All Terms, All Years

MUS 251 Applied Music: Voice 1 Credit
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. One hour of daily practice per half-hour lesson is expected. All 200-level courses in applied music are one credit. There is an additional fee of $360 for each applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 30-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $360 Music Course Fee

MUS 253 Applied Music: Piano 1 Credit
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. One hour of daily practice per half-hour lesson is expected. All 200-level courses in applied music are one credit. There is an additional fee of $360 for each applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 30-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $360 Music Course Fee

MUS 255 Applied Music: Woodwinds 1 Credit
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. One hour of daily practice per half-hour lesson is expected. All 200-level courses in applied music are one credit. There is an additional fee of $360 for each applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 30-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $360 Music Course Fee

MUS 257 Applied Music: Guitar/Lute 1 Credit
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. One hour of daily practice per half-hour lesson is expected. All 200-level courses in applied music are one credit. There is an additional fee of $360 for each applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 30-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $360 Music Course Fee

MUS 259 Applied Music: Brass 1 Credit
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. One hour of daily practice per half-hour lesson is expected. All 200-level courses in applied music are one credit. There is an additional fee of $360 for each applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 30-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $360 Music Course Fee

MUS 261 Applied Music: Strings 1 Credit
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. One hour of daily practice per half-hour lesson is expected. All 200-level courses in applied music are one credit. There is an additional fee of $360 for each applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 30-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $360 Music Course Fee

MUS 263 Applied Music: Percussion/Drum Set 1 Credit
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. One hour of daily practice per half-hour lesson is expected. All 200-level courses in applied music are one credit. There is an additional fee of $360 for each applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 30-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $360 Music Course Fee

MUS 265 Applied Music: Composition 1 Credit
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. One hour of daily practice per half-hour lesson is expected. All 200-level courses in applied music are one credit. There is an additional fee of $360 for each applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 30-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $360 Music Course Fee

MUS 266 Pan Pipe Ensemble 1 Credit
This ensemble focuses on learning to perform the panpipe music of South American Andean communities, a diverse culture comprising the South American countries of Bolivia, Columbia, Ecuador, and Peru. Open to all. No prior musical experience required.
Term(s) Offered: All Terms, All Years

MUS 277 Washington College Symphonic Band 1 Credit
The Symphonic Band studies and performs concert band and wind ensemble music from various musical periods. Membership is open to qualified students.
Term(s) Offered: All Terms, All Years

MUS 278 Steel Pan Ensemble 1 Credit
The Washington College Steel Band (Steel Revolution) offers students an opportunity to explore the Trinidadian steel band tradition, as well as classical and popular arrangements and transcriptions. Students learn to perform on steel band instruments and study the social, historical, and cultural context of the ensemble. Readings, recordings, and video viewings supplement in-class instruction. The ensemble will present public performances.
Term(s) Offered: All Terms, All Years

MUS 279 Japanese Music Ensemble 1 Credit
By the Edo period (1603-1868), three instruments had emerged from various directions to become popular among the Japanese people. The koto, a 13-string zither, the shamisen, a 3-string banjo-like instrument, and the shakuhachi, a Zen Buddhist bamboo flute. In this new ensemble, students are introduced to these instruments, and have the opportunity to research, write about, and learn how to perform on an instrument of the student's choice. Students also learn the unique notation systems of each instrument and gain a deep understanding of Japanese traditional arts in relation to the social, ideological, and cultural development of Japanese traditional aesthetics.
Term(s) Offered: All Terms, All Years

MUS 281 W.C. Jazz Ensemble 1 Credit
The Jazz Ensemble presents programs each semester and plays at various College functions throughout the year. Membership is open to qualified students.
Term(s) Offered: All Terms, All Years

MUS 283 Washington College Chorus 1 Credit
The College Chorus performs music from all principal style periods. Membership is open to all students.
Term(s) Offered: All Terms, All Years

MUS 285 W.C. Early Music Consort 1 Credit
The Early Music Consort is an instrumental ensemble that performs music from the Middle Ages, Renaissance, and Baroque eras on period instruments. Membership is open to qualified students.
Term(s) Offered: All Terms, All Years

MUS 289 W.C. Afro-Cuban Ensemble 1 Credit
The ensemble focuses primarily on Cuban drum and song traditions associated with rumba and Santeria. Musical literacy is not a requirement; instead, rhythms and melodies will be transmitted via the oral traditions that are prevalent in Cuba. Membership is open to all students.
Term(s) Offered: All Terms, All Years

MUS 290 Music Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours are required for each credit. Students must be enrolled in the course, prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MUS 291 Washington College String Orchestra 1 Credit
The String Orchestra studies and performs orchestral music from various musical periods. Membership is open to qualified students.
Term(s) Offered: All Terms, All Years

MUS 294 Special Topics 4 Credits
A period course in music history or an offering in some other specific area of interest, such as conducting, composition, or independent research.
Term(s) Offered: All Terms, All Years

MUS 295 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

MUS 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

MUS 297 Independent Study 4 Credits
Term(s) Offered: All Terms, All Years

MUS 313 Music of Latin America 4 Credits
Students are introduced to ethnomusicological theory and method, while focusing on the musical practices of selected regions in South and Central America and the Caribbean. Folk, ritual, popular, and art/classical traditions are examined in the contexts of cultural issues such as belief systems, politics, aesthetics, and identity.
Cross-listed as: MUS 313/ANT 313
Term(s) Offered: All Terms, Non Conforming

MUS 314 Music of Asia 4 Credits
Using selected musical areas from Asia, this course introduces and reinforces the basic concepts of ethnomusicology and trains students to develop listening and musicological analytical skills. We examine folk, ritual, popular, and art/classical traditions in the contexts of cultural issues, such as belief systems, politics, aesthetics, and identity.
Term(s) Offered: All Terms, Non Conforming

MUS 327 Music, Ritual and Early Christianity 4 Credits
Using music, ritual, and liturgical analyses, this course investigates the historical, social, political, and intellectual circumstances that led to the eventual success of Christianity as a major religion of the world. Examples are drawn from Eastern Orthodoxy and Catholicism.
Cross-listed as: PHL 327/MUS 327
Term(s) Offered: All Terms, Non Conforming

MUS 329 Cuba Music and Culture 4 Credits
This course introduces students to anthropological, ethnomusicological, and ethnochoreological ethnographic fieldwork methods, including participant observation, ethnographic interviews, and audio/video documentation techniques. Students are exposed to both Afro-Cuban religious and Cuban popular expressive forms. Students learn about the interrelatedness of music, dance, visual arts, ritual, and religious beliefs, as well as Cuban views on Cuban culture, gender, and race. Students attend/observe both formal and informal music performances and take music and dance lessons where they will have an opportunity to engage musicians on a one-on-one basis. In addition to music-oriented activities, students learn about Cuba's cultural and economic history by exploring Havana's rich museums, monuments, and plazas. By permission of the instructor.
Cross-listed as: ANT 329/MUS 329/DAN 329
Term(s) Offered: Winter, All Years
Fees: $3,600 Cuba Experience

MUS 331 Analytical Technique 4 Credits
A study of the principles of musical organization through analysis of compositions from diverse periods in music history.
Requisites: Pre-req: MUS 231
Term(s) Offered: Other, Non Conforming

MUS 332 Music Technology 4 Credits
A study of a variety of technologies associated with music recording, post-production, performance and composition. Students will become familiar with advanced software, a variety of recording equipment, and MIDI peripherals. Potential students must first demonstrate competency as an instrumental or vocal performer.
Term(s) Offered: All Terms, Non Conforming

MUS 333 Conducting II 2 Credits
Advanced study of conducting skills, score reading, and rehearsal techniques.
Requisites: Pre-req: MUS 233
Term(s) Offered: All Terms, Non Conforming

MUS 375 Arts Administration 4 Credits
This course explores various aspects of leadership, management, and entrepreneurship for the visual and performing arts. Students learn how arts organizations define themselves, make decisions, and plan for the future. Topics may include: leadership & governance, mission & strategy, program planning & evaluation, intellectual property & contracting, marketing & public relations, and/or budgeting & fundraising. This course has no curricular prerequisite, but requires a baseline interest in and understanding of the arts.
Cross-listed as: ART 375/BUS 375/MUS375/THE375
Term(s) Offered: Spring, Odd Years

MUS 390 Music Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours are required for each credit. Students must be enrolled in the course, prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MUS 394 Special Topics 4 Credits
A period course in music history or an offering in some other specific area of interest, such as conducting, composition, or independent research.
Term(s) Offered: All Terms, All Years

MUS 395 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

MUS 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

MUS 400 Music Practicum 0 Credits
This course provides experiential learning for majors and minor through participation in music department events. By enrolling in this course, students commit to completing all required activities during the indicated semester. Course requirements are clearly outlined by the instructor(s) at the beginning of the semester. These requirements typically include: attendance at concerts, attendance at department-sponsored lectures/masterclasses, and attending general information meetings. This is a zero-credit course and is graded pass/fail. Majors must enroll in and pass the course four times; minors must enroll and pass twice.
Term(s) Offered: All Terms, All Years

MUS 406 Theory and Method in Ethnomusicology 4 Credits
This course examines the formation of the discipline of ethnomusicology through a survey of its history, theory, and methodology. Students read and discuss the works of major scholars in the field and examine the interdisciplinary nature of ethnomusicology, particularly its relationship with historical musicology, anthropology, folklore, linguistics, and cultural studies. Research projects complement theoretical discussions and technical activities associated with the field such as fieldwork, ethnography, historical research, and transcription.
Requisites: Pre or co-req: ANT 104 or ANT 105
Term(s) Offered: All Terms, Non Conforming

MUS 430 Orchestration and Arranging 4 Credits
A study of the fundamentals of instrumentation, orchestration, and arranging.
Requisites: Pre-req: MUS 132
Term(s) Offered: Spring, Non Conforming

MUS 451 Applied Music: Advanced Voice 2 Credits
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. Two hours of daily practice per hour lesson is expected. All 400-level courses in applied music are two credits. There is an additional fee of $720 for each 400-level applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 60-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $720 Music Course Fee

MUS 453 Applied Music: Advanced Piano 2 Credits
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. Two hours of daily practice per hour lesson is expected. All 400-level courses in applied music are two credits. There is an additional fee of $720 for each 400-level applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 60-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $720 Music Course Fee

MUS 455 Applied Music: Adv Woodwinds 2 Credits
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. Two hours of daily practice per hour lesson is expected. All 400-level courses in applied music are two credits. There is an additional fee of $720 for each 400-level applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 60-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $720 Music Course Fee

MUS 457 Applied Music: Advanced Guitar/Lute 2 Credits
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. Two hours of daily practice per hour lesson is expected. All 400-level courses in applied music are two credits. There is an additional fee of $720 for each 400-level applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 60-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $720 Music Course Fee

MUS 459 Applied Music: Advanced Brass 2 Credits
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. Two hours of daily practice per hour lesson is expected. All 400-level courses in applied music are two credits. There is an additional fee of $720 for each 400-level applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 60-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $720 Music Course Fee

MUS 461 Applied Music: Advanced Strings 2 Credits
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. Two hours of daily practice per hour lesson is expected. All 400-level courses in applied music are two credits. There is an additional fee of $720 for each 400-level applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 60-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $720 Music Course Fee

MUS 463 Applied Music: Advanced Percussion/Drum 2 Credits
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. Two hours of daily practice per hour lesson is expected. All 400-level courses in applied music are two credits. There is an additional fee of $720 for each 400-level applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 60-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $720 Music Course Fee

MUS 465 Applied Music: Advanced Composition 2 Credits
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. Two hours of daily practice per hour lesson is expected. All 400-level courses in applied music are two credits. There is an additional fee of $720 for each 400-level applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 60-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $720 Music Course Fee

MUS 475 W.C. Jazz Combo 1 Credit
The Washington College Jazz Combo allows advanced jazz students to perform various styles of jazz literature, including standards, original compositions and arrangements. Ample opportunity is given for improvisation. The Combo presents programs each semester and performs at various College functions throughout the year. The ensemble is open to students through auditions, which take place at the beginning of each semester.
Term(s) Offered: All Terms, All Years

MUS 479 Washington College Chamber Singers 1 Credit
Chamber Singers perform music from all principal periods and performs both on and off campus. The ensemble is open to students through auditions, which take place at the beginning of each semester.
Term(s) Offered: All Terms, All Years

MUS 487 Chamber Ensemble 1 Credit
Various woodwind, brass, and string ensembles (duets, trios, quartets, quintets) perform in recitals throughout the year. The ensembles are open to students through auditions, which take place at the beginning of each semester.
Term(s) Offered: All Terms, All Years

MUS 490 Music Internship 1 Credit
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours are required for each credit. Students must be enrolled in the course, prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MUS 494 Special Topics 4 Credits
A period course in music history or an offering in some other specific area of interest, such as conducting, composition, or independent research.
Term(s) Offered: All Terms, All Years

MUS 495 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

MUS 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

MUS 497 Music Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Music Major

Department of Music
Division of Humanities and Fine Arts

The music department at Washington College is committed to assisting both students who expect to study music in preparation for a professional career, as well as those who wish to pursue music as an interest or avocation. Our BA degree program is flexible and divided into specific advisory tracks that include performance (vocal and instrumental), music education, music history and criticism, world music and ethnomusicology, theory and composition, and the traditional liberal arts. The course offerings provide solid preparation for a lifelong engagement with music.

Music Major Requirements

Code	Title	Credits	Notes
Music Theory		**12**	_____
MUS 131	Music Theory I		_____
MUS 132	Music Theory II		_____
MUS 231	Music Theory III		_____
Select 1 Theory Elective From Below		**4**	_____
MUS 331	Analytical Technique		_____
MUS 430	Orchestration and Arranging		_____
Select 2 Music History Courses From Below		**8**	_____
MUS 203	History Western MUS: Ancient to Baroque		_____
MUS 204	History Western MUS: Classical-Romantic		_____
MUS 205	History Western Music: Music Since 1900		_____
Select 1 World Music Course From Below		**4**	_____
MUS 104	Intro to World Music & Ethnomusicology		_____
MUS 313	Music of Latin America		_____
MUS 314	Music of Asia		_____
MUS 327	Music, Ritual and Early Christianity		_____
MUS 329	Cuba Music and Culture		_____
MUS 406	Theory and Method in Ethnomusicology		_____
Two Music Electives - Any 4 credit music courses besides MUS 100		**8**	_____
Elective 1			_____
Elective 2			_____
Must Enroll in MUS 400 Practicum Every Semester [4]		**0**	_____
Applied Music & Performance Requirements [1,2,3]		**18**	_____

Senior Capstone Experience (MUS SCE)	**2-4**	_____
Total Credits	**56-58**	_____

1 **Performance Requirements for students of Brass, Woodwind, Percussion, Strings, and Voice**

- Four semesters of two-credit (400-level) applied music in their declared area (8 credits)
- Two semesters of two-credit (400-level) applied or class piano, or by passing a piano proficiency exam (4 credits)
- Performance ensemble participation (6 credits):
- Brass, Woodwind, and Percussion students must acquire at least four credits in MUS 277 Washington College Symphonic Band. The remaining two credits may come from any other ensemble offered by the Department of Music.
- String students must acquire at least four credits from MUS 291 Washington College String Orchestra. The remaining two credits may come from any other ensemble offered by the Department of Music.
- Voice students must acquire at least two credits from MUS 283 Washington College Chorus. The remaining two credits may come from any other ensemble offered by the Department of Music.
- Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. 200-level applied music courses are one-credit and open to all students. Each course consists of a weekly 30-minute individual lesson. One hour of daily practice is expected. For non-majors, there is an additional fee of $360 for each 200-level applied music course. The fee is waived for music majors.
  400-level applied music courses are for advanced students and may require auditions. They are 2 credits and are open to all qualified students. Each course consists of a weekly 60-minute individual lesson. One to two hours of daily practice per hour lesson is expected. For non-majors, there is an additional fee of $720 for each 400-level applied music course. The fee is waived for music majors.

2 **Performance Requirements for students of Guitar and Composition**

- Four semesters of two-credit (400-level) applied music in their declared area (8 credits)
- Two semesters of two-credit (400-level) applied or class piano, or by passing a piano proficiency exam (4 credits)
- Six additional credits of additional applied music or ensemble participation, of which at least four credits must be in a large ensemble (MUS 277 Washington College Symphonic Band, MUS 281 W.C. Jazz Ensemble, MUS 283 Washington College Chorus, or MUS 291 Washington College String Orchestra) (6 credits)

3 **Performance Requirements for students of Piano**

- Four semesters of two-credit (400-level) applied music in applied piano (8 credits)
- Ten additional credits of additional applied music or ensemble participation, of which at least four credits must be in a large ensemble (MUS 277 Washington College Symphonic Band, MUS 281 W.C. Jazz Ensemble, MUS 283 Washington College Chorus, or MUS 291 Washington College String Orchestra) (10 credits)

4 **Performance Practicum**

- Music majors should regularly enroll in MUS 400 Music Practicum every semester if they are a declared major. This course provides experiential learning for majors and minors through participation in music department events. By enrolling in this course, students commit to completing all required activities during the indicated semester.
- Course requirements are outlined by the instructor(s) at the beginning of the semester, they include attendance at concerts, attendance at department-sponsored lectures/masterclasses, and attending general information meetings. This is a zero-credit course and is graded pass/fail. Students majoring in Music must enroll in and pass the course four times; students minoring in Music must enroll and pass twice.

5 **Music ensembles** are one credit. Although students may provisionally register for music ensemble courses, enrollment in the course may be subject to audition. Students who do not successfully audition for an ensemble will be dropped from the course and communicate an enrollment list to the Registrar's Office once auditions for the ensemble are complete. Auditions sometimes take place beyond the Drop/Add deadline for a semester. Additionally, spaces in these courses are not always guaranteed. Full-time students are encouraged to plan their course load so they do not drop below 12 credits if they do not succeed in their audition.

If a music major intends to pursue graduate work in music, the department strongly recommends studying two years of German or French, in that order of preference.

Distribution Requirement

To fulfill the Quantitative component of the Natural Sciences and Quantitative distribution requirement, students may complete two consecutive courses in the music theory sequence (MUS 131 Music Theory I, MUS 132 Music Theory II, MUS 231 Music Theory III). If the student chooses to take two Natural Science courses, then any one course in music theory (MUS 131 Music Theory I, MUS 132 Music Theory II, MUS 231 Music Theory III) may be used to satisfy the Quantitative component.

To fulfill the Humanities and Fine Arts distribution requirement with two Fine Arts courses and one Humanities course, students may complete eight credits of Music courses (except MUS 131 Music Theory I, MUS 132 Music Theory II, MUS 231 Music Theory III). This includes any combination of applied music (private instruction) and musical ensembles. To fulfill the Humanities and Fine Arts distribution requirement with one Fine Arts course,

students may complete any four credits of Music courses (except MUS 131 Music Theory I, MUS 132 Music Theory II, MUS 231 Music Theory III) along with two Humanities courses.

Major

- Music Major (p. 155)

Minor

- Arts Management and Entrepreneurship Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/arts-management-entrepreneurship-minor/)
- Education Studies Minor (p. 92)
- Ethnomusicology Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/ethnomusicology-minor/)
- Music Minor (p. 157)

Certificate

- Secondary Education Certification Program (p. 94)

Music Minor

Department of Music
Division of Humanities and Fine Arts

The music department at Washington College is committed to assisting both students who expect to study music in preparation for a professional career, as well as those who wish to pursue music as an interest or avocation. Our Music Minor program is flexible and encourages to select a range of courses including performance (vocal and instrumental), music history and criticism, world music and ethnomusicology, theory and composition, and music production. The course offerings provide solid preparation for a lifelong engagement with music.

Music Minor Requirements

Code	Title	Credits	Notes
Core Courses		**8**	_____
MUS 131	Music Theory I		_____
MUS 132	Music Theory II		_____
Electives		**20**	_____
Student can satisfy this 20 credit requirement by taking a combination of 1, 2 and 4 credit courses, ensembles, or applied music.			_____
Total Credits		**28**	_____

In addition, minors must attend and participate in department-designated performances and events.

Major

- Music Major (p. 155)

Minor

- Arts Management and Entrepreneurship Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/arts-management-entrepreneurship-minor/)
- Ethnomusicology Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/ethnomusicology-minor/)
- Music Minor (p. 157)

Certificate

- Secondary Education Certification Program (p. 94)

Philosophy and Religion

Division of Humanities and Fine Arts

Philosophy—traditionally at the center of the liberal arts—asks some of the most difficult and searching questions about human existence, the nature of the universe, right and wrong in human conduct, and the basis of our social and political arrangements. In so doing, it gives the mind the greatest possible leeway to doubt, probe, and criticize.

The courses of the Department of Philosophy and Religion have four main purposes:

1. to acquaint the student with some of the great philosophical questions of the past and present and with leading attempts to answer them;
2. to exhibit the connections between philosophy and such related areas as art, business, law, literature, medicine, science, religion, and the environment;
3. to develop the students' capacities for clear thinking and critical analysis; and
4. to provide the basis for reflecting on right versus wrong and good versus evil in the present-day world.

These aims are pursued in the atmosphere of diverse philosophical interests and approaches found among the staff of the department. Typically, students also bring varied concerns to their own explorations in philosophy and move on to careers in many diverse fields.

Distribution credit for the Humanities Requirement will be given for any two courses taken in the Department with the exception of PHL 108 Introduction to Logic. Distribution credit for the Quantitative Requirement will be given for PHL 108 Introduction to Logic to those students choosing only one course in the Quantitative area. An FYS course taught by a member of the philosophy department may, in some cases, be used instead of PHL 100 Introduction to Philosophy anywhere in the program, except in a departmental distribution sequence

- Philosophy Major (p. 162)
- Philosophy Minor (p. 163)
- Religion Minor (p. 164)

Matthew McCabe, Chair
Peter Weigel
Jennifer Benson
Bin Song

Philosophy

PHL SCE Senior Capstone Experience 2-4 Credits
All philosophy majors must complete the Senior Capstone Experience. This will take the form of a senior thesis. Students will be given four credits for successful completion of their Senior Capstone Experience. Each senior philosophy major will work in close association with a faculty mentor from the Department of Philosophy and Religion. The association between student and mentor will be an intensive one spanning the whole course of development of the thesis-from the initial formulation of a thesis proposal in the spring of the student's junior year to the final completion of the thesis by the conclusion of the senior year.
Term(s) Offered: All Terms, All Years

PHL 100 Introduction to Philosophy 4 Credits
A study of selected systems of thought designed to acquaint the student who has no training in philosophy with basic philosophical concepts and with the techniques and advantages of a thoughtful and reflective approach to problems. Topics taken up vary with the individual instructor. Offered every semester.
Term(s) Offered: All Terms, All Years

PHL 102 Contemporary Moral Issues 4 Credits
This course introduces students to the basic ideas behind the major ethical theories in Western Philosophy by studying their application to numerous moral issues, problems, and controversies in our time. Possible topics for discussion and writing assignments include but are not limited to: moral consideration of animals and the environment, respect for biodiversity, population and consumption, pollution, climate change, responsibilities to future generations, corporate social responsibility, workplace ethics, advertising ethics, whistleblowing, engineering ethics, cyber ethics, the ethics of globalization, the ethics of war, euthanasia, medical experimentation on human subjects, the physician-patient relationship, health care and social justice, reproductive assistance technology, and eugenics.
Term(s) Offered: All Terms, All Years

PHL 108 Introduction to Logic 4 Credits
A systematic overview of the rules and methods of argument. The course has three parts. The first part examines the features of arguments one finds in everyday speech and writing. The second part covers Classical Aristotelian methods of syllogistic reasoning. The third part teaches the modern use of abstract symbols to represent and assess the formal structure of proofs. This last part involves the skills of formal and quantitative reasoning. Please note that this course can only combine with two natural science courses to fulfill the Natural Science and Quantitative Distribution. It may not combine with a second quantitative course.
Term(s) Offered: Fall, All Years

PHL 111 Intro Comparative Religion: Western 4 Credits
This course offers an introductory study of the central ideas in living western religions. The course concentrates on Judaism, Christianity, and Islam. The readings focus on the primary religious texts of each religion. Consideration is also given to philosophical issues common to western religions.
Term(s) Offered: All Terms, All Years

PHL 112 Intro Comparative Religion: Eastern 4 Credits
With a view toward developing better intercultural understanding, this course introduces students to the spiritual perspectives of Eastern cultures, and to the philosophical issues at play in them. Our readings are mostly selected from primary classical texts dealing with Hinduism, Buddhism, Zen Buddhism, and Taoism. This course is reading, speaking, and writing intensive - and the course format is interactive class discussion. Prerequisite: Eagerness to engage texts.
Term(s) Offered: All Terms, All Years

PHL 190 Philosophy Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHL 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHL 195 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHL 197 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHL 210 Introduction to Political Philosophy 4 Credits
Political philosophy applies the tools of philosophical analysis to the challenges of politics and social life. Most fundamentally, political philosophy seeks to answer the question, how should we organize our society? The course content may focus on such themes as rights, justice, equality, freedom, power, oppression, exploitation, multiculturalism, obligations of the State, and duties of citizenship.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Fall, Even Years

PHL 213 History of Ancient Philosophy 4 Credits
A study of the historical development of Western philosophical thought in ancient times. The main emphasis of this course is on the Pre-Socratics, and on works of Plato and Aristotle.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Fall, All Years

PHL 214 History of Modern Philosophy 4 Credits
A study of the development of Western philosophic thought from the early Modern period through Kant. Emphasis is placed on the work of such major figures as Descartes, Hume, Leibniz, Spinoza, Locke, Berkeley, and Kant.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Spring, All Years

PHL 215 Medieval Philosophy 4 Credits
This course examines medieval philosophical thought and argumentation from its origins in the Greco-Roman world through the early 15th century. Major figures from Judaism, Christianity, and Islam usually include Philo, Augustine, Anselm, Avicenna, Averroes, Maimonides, Aquinas, Scotus, Ockham, and others. Topics include the problem of universals, faith and reason, God, ethics, political theory, and the rise of science.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Other, Non Conforming

PHL 225 Ethical Theory 4 Credits
An examination of some of the major ethical theories in Western philosophy. Applications of these theories to concrete ethical problems are considered. Special attention is given to Consequentialist, Deontological, and Virtue theories. Readings are drawn from classical and contemporary authors.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Fall, All Years

PHL 226 Global Ethics 4 Credits
As we become a global community, the need for secular ethical discourse becomes increasingly important. This course explores how international culture, policy, and standards impact ethical practices around the world. Current events, anecdotes, and personal experiences are brought together to highlight ethical theory in action in today's global environment. General topics include: the Absolutism-Relativism debate, the Ethics of Globalization, Global Business Ethics, Global Bioethics with emphasis on feminist issues, Global Environmental Ethics, and the Ethics of Warfare and Terrorism.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Other, Non Conforming

PHL 235 Foundations of Morality 4 Credits
An examination of the moral theories of some major philosophical positions from traditions East and West: for example, Aristotle and Kant from the Western philosophical tradition, as well as Buddha and Confucius from the Eastern tradition. The aim is to systematically explore the understanding of what these positions interpret the best or most moral life to be, and of what varying views of human nature are correlated with them. Moreover, this exploration faces the question of how one decides what the best or most moral life is, and also other central questions concerning the relationship of ethics to religion and science.
Term(s) Offered: Spring, All Years

PHL 237 Global Wisdom and Literature 4 Credits
An interdisciplinary, team-taught course with the Department of English and the Department of Philosophy and Religion that delves into the world's wisdom traditions through the lenses of literature, philosophy, and religion. Students examine renowned works such as the Epic of Gilgamesh, Socratic dialogues, Stoic spiritual diaries, Christian and Islamic mystical texts, Hindu epics, Japanese Buddhist poetry, and more. Participants transcend the boundaries of history, geography, ideology, genre, and academic disciplines. The course aims to foster intercultural competence in students seen as crucial for a liberal arts education and meaningful contribution to real world settings.
Cross-listed as: ENG 217/PHL 237
Term(s) Offered: Spring, Odd Years

PHL 240 Philosophy of Humor 4 Credits
This course explores the questions: What is meant by claiming that something is humorous or funny and why? What is the relationship between humor, reason, and the emotions? How might one understand the ethics of laughter and humor? Insights from scholars including Plato, Aristotle, Hobbes, Kant, Schopenhauer, Spencer, Freud, Bergson and contemporary authors are discussed in a seminar-style class setting. The application of theory to everyday life is examined and discussed through the presentation of non-philosophical examples of humor and jokes in both print and audio-visual mediums.
Term(s) Offered: Fall, Even Years

PHL 245 Metaphysics & Epistemology 4 Credits
This course examines classic debates in metaphysics and the nature of knowledge. Close attention is given the study of philosophical argumentation and methods. Topics usually include knowledge, mind, reality, universals, identity, time, God, and freedom.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Other, Non Conforming

PHL 250 Ru and Confucianism 4 Credits
This course introduces the philosophical concepts, sociological foundation, political implementation, and spiritual/religious practices of the Asian Ru (Confucian) tradition. It presents Ruism's development across Asian countries such as Korea, Japan, and Indonesia, and studies its historical interaction with Western cultures. Classical Chinese philosophies, such as Daoism, Mohism, and Legalism, are introduced as well to contextualize the origin and evolution of Ru thought. Students acquire special skills of meditation in motion to practice Ru wisdom in the everyday and secular world.
Cross-listed as: PHL 250/REL 250
Term(s) Offered: Fall, All Years

PHL 290 Philosophy Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHL 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHL 295 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHL 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

PHL 300 Business Ethics 4 Credits
A seminar focusing on major ethical theories and principles as they apply to individuals, companies, corporations, and consumers in the business world. Typical issues treated are: corporate social responsibility, government versus self-regulation, employee and consumer safety, whistle-blowing, deceptive advertising, conflicts in accounting, the environment, insider trading, issues in internation business, etc.
Requisites: Pre-req: PHL 100
Term(s) Offered: Spring, Odd Years

PHL 303 Environmental Ethics 4 Credits
A study of the nature and history of the environmental movement and our ethical responsibilities with regard to such current issues as the preservation of species, animal rights, the value of ecosystems, ozone depletion, and deep or radical ecology.
Requisites: Pre or co-req: PHL 100
Cross-listed as: PHL 303/ENV 303
Term(s) Offered: Other, Non Conforming

PHL 305 Philosophy of Religion 4 Credits
An examination of major philosophical discussions in the Western religious tradition. Among the topics dealt with are: the existence of God, faith and reason, religious language and experience, evil and suffering, science and religion, the afterlife, and the challenges of modernity to religious belief.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Fall, Even Years

PHL 310 Philosophy of Science 4 Credits
This course begins with an exploration of the nature of scientific revolutions, along with an examination of some case studies of such revolutions from the history of science. We go on to examine some current theories concerning the evolution of microbial life, as well as issues associated with the Darwinian understanding of biological evolution. Our primary concern is the philosophical presuppositions and implications of such theories. On the methodological side, we treat such issues as induction, falsification, the hypothetical-deductive method, scientific facts, experimentation, etc.
Requisites: Pre-req: PHL 100
Term(s) Offered: Other, Non Conforming

PHL 325 Biomedical Ethics 4 Credits
Biomedical ethics explores the ethical problems that arise in the context of modern medical care and biomedical research. As such, biomedical ethics involves the lives and decisions of patients, family members, doctors, nurses, and medical researchers. The course content focuses on the application of ethical theories to problems such as the rights of patients, duties of physicians, the distribution of resources, conflicts of interest in the managed care system, assisted suicide, euthanasia, end of life decisions, abortion, nature of disease, the use of human subjects in research, and the use of genetic and reproductive technologies.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Other, Non Conforming

PHL 327 Music, Ritual and Early Christianity 4 Credits
Using music, ritual, and liturgical analyses, this course investigates the historical, social, political, and intellectual circumstances that led to the eventual success of Christianity as a major religion of the world. Examples are drawn from Eastern Orthodoxy and Catholicism.
Cross-listed as: PHL 327/MUS 327
Term(s) Offered: Spring, Non Conforming

PHL 335 Philosophy of Law 4 Credits
The course explores the philosophical issues surrounding a number of areas of the law including, the nature of law, constitutional interpretation, legal responsibility, punishment, capital punishment, and legal limits to personal liberty. Readings are drawn from classical and contemporary authors.
Term(s) Offered: Spring, Even Years

PHL 390 Philosophy Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.

PHL 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHL 395 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHL 397 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHL 425 Seminar in Ethics 4 Credits
A seminar in one major moral philosopher, movement, or issue in ethics, such as Kant, Rawls, Utilitarianism, Natural Law, the Nature of Rights, etc.
Requisites: Pre or co-req: Two PHL courses
Term(s) Offered: Other, Non Conforming

PHL 430 Oxford Sem on Religion, Pol, & Culture 4 Credits
This distinctive study abroad course involves intensive study at the University of Oxford. Students conduct individual research projects and attend seminars under the direction of Oxford University faculty. The topic of the Seminar engages issues at the intersection of religion, politics, and culture. The course begins with instructional meetings in the spring and concludes with an oral defense of a substantial research paper in the fall. The course involves 49 hours of direct instructional contact and additional experiential learning in the form of structured trips and attendance of a Shakespeare play in Stratford upon Avon.
Cross-listed as: PHL 430/POL 430
Term(s) Offered: Summer, All Years

PHL 435 Philosophical Methods 4 Credits
The course studies the nature, aims, and methods of philosophical inquiry. Readings explore questions in meta-philosophy, what philosophy is and how it is done. Study of the technical practices of philosophizing and philosophical writing prepares students for advanced work in the major.
Requisites: Pre or co-req: Two PHL courses
Term(s) Offered: Fall, All Years

PHL 490 Philosophy Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.

PHL 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHL 495 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHL 497 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Religion

REL 250 Ru and Confucianism 4 Credits
This course introduces the philosophical concepts, sociological foundation, political implementation, and spiritual/religious practices of the Asian Ru (Confucian) tradition. It presents Ruism's development across Asian countries such as Korea, Japan, and Indonesia, and studies its historical interaction with Western cultures. Classical Chinese philosophies, such as Daoism, Mohism, and Legalism, will be introduced as well to contextualize the origin and evolution of Ru thought. Students acquire special skills of meditation in motion to practice Ru wisdom in the everyday and secular world.
Cross-listed as: PHL 250/REL 250
Term(s) Offered: Fall, All Years

Philosophy Major

Department of Philosophy and Religion (p. 157)
Divison of Humanities and Fine Arts

Philosophy—traditionally at the center of the liberal arts—asks some of the most difficult and searching questions about human existence, the nature of the universe, right and wrong in human conduct, and the basis of our social and political arrangements. In so doing, it gives the mind the greatest possible leeway to doubt, probe, and criticize. The courses of the Department of Philosophy and Religion have four main purposes: (1) to acquaint the student with some of the great philosophical questions of the past and present and with leading attempts to answer them; (2) to exhibit the connections between philosophy and such related areas as art, business, law, literature, medicine, science, religion, and the environment; (3) to develop the students' capacities for clear thinking and critical analysis; and (4) to provide the basis for reflecting on right versus wrong and good versus evil in the present-day world. These aims are pursued in the atmosphere of diverse philosophical interests and approaches found among the staff of the department. Typically, students also bring varied concerns to their own explorations in philosophy and move on to careers in many diverse fields.

Philosophy Major Requirements

The Philosophy major includes 11 4-credit (or 4-credit equivalent) courses in the Department, selected in consultation with the major advisor. Four courses are electives. Seven courses are required:

Code	Title	Credits	Notes
Core Courses		**24**	_____
PHL 100	Introduction to Philosophy		_____
PHL 108	Introduction to Logic		_____
PHL 213	History of Ancient Philosophy		_____
PHL 214	History of Modern Philosophy [1]		_____
PHL 225	Ethical Theory		_____
or PHL 235	Foundations of Morality		_____
PHL 435	Philosophical Methods (or a designated equivalent in unusual circumstances) [2]		_____
Elective Courses [3]		**16**	_____
Elective 1			_____
Elective 2			_____
Elective 3			_____
Elective 4			_____
Senior Capstone Experience (PHL SCE)		**4**	_____
Total Credits		**44**	_____

1 The Department recommends taking PHL 213 History of Ancient Philosophy before PHL 214 History of Modern Philosophy.
2 Ideally PHL 435 Philosophical Methods is taken in the fall of Junior year.
3 Among the four elective courses students are encouraged to take a 400-level seminar when available.

Senior Capstone Experience

In addition to the ten required courses, each philosophy major must also complete the Senior Capstone Experience (SCE), normally a thesis, but possibly a set of comprehensive exams. In either case majors will work in close association with a department mentor; and those majors who do successfully complete the SCE will receive four credits toward graduation.

Major

- Philosophy Major (p. 162)

Minor

- Philosophy Minor (p. 163)
- Religion Minor (p. 164)

Philosophy Minor

Department of Philosophy and Religion (p. 157)
Divison of Humanities and Fine Arts

Philosophy—traditionally at the center of the liberal arts—asks some of the most difficult and searching questions about human existence, the nature of the universe, right and wrong in human conduct, and the basis of our social and political arrangements. In so doing, it gives the mind the greatest possible leeway to doubt, probe, and criticize. The courses of the Department of Philosophy and Religion have four main purposes: (1) to acquaint the student with some of the great philosophical questions of the past and present and with leading attempts to answer them; (2) to exhibit the connections between philosophy and such related areas as art, business, law, literature, medicine, science, religion, and the environment; (3) to develop the students' capacities for clear thinking and critical analysis; and (4) to provide the basis for reflecting on right versus wrong and good versus evil in the present-day world. These aims are pursued in the atmosphere of diverse philosophical interests and approaches found among the staff of the department. Typically, students also bring varied concerns to their own explorations in philosophy and move on to careers in many diverse fields.

Philosophy Minor Requirements

Code	Title	Credits	Notes
Core Courses		**8**	_____
PHL 100	Introduction to Philosophy		_____
PHL 213	History of Ancient Philosophy		_____
or PHL 214	History of Modern Philosophy		_____

4 Elective Courses in Philosophy	**16**	_____
Elective 1		_____
Elective 2		_____
Elective 3		_____
Elective 4		_____
Total Credits	**24**	_____

Courses in religion may be counted among the elective courses for the philosophy major and minor.

Major

- Philosophy Major (p. 162)

Minor

- Philosophy Minor (p. 163)
- Religion Minor (p. 164)

Religion Minor

Department of Philosophy and Religion (p. 157)
Divison of Humanities and Fine Arts

Religion as a field examines spiritual beliefs, teachings, practices, and worship. Courses in religion feature in-depth study of world religions and religious movements.

Why study religion? Religion opens the mind to a world of possibilities beyond the natural order. The study of religion fosters an appreciation for spiritual inquiry as well as respect for different religious traditions. Religious themes animate much of Western and Eastern intellectual history, literature, and politics. Religious controversies sit behind many contemporary world events and movements. Some detailed knowledge of religious contexts is essential in understanding much of the history of Western ideas and movements. Students in religion courses frequently use the opportunity to inquire into their own beliefs.

The religion courses of the Department of Philosophy and Religion have four main purposes: (1) to discern accurate and credible knowledge about a wide range of religious traditions and expressions, and to recognize the internal diversity within religious traditions; (2) to acquaint students with major methodological approaches (philosophical, spiritual, sociological, etc.) to religious studies so as to understand the richness and complexity of religious phenomena; (3) to explore how religions interact with the experiences and histories of individuals, communities, nations, and regions; (4) to interpret how religious expressions make use of cultural symbols and artistic representations of their times and contexts. Students are expected to command an advanced level of religious literacy, and to practice their intellectual and spiritual adeptness in a contemporary social context.

Religion Minor Requirements

Code	Title	Credits	Notes
Core Coures		**12**	_____
PHL 100	Introduction to Philosophy		_____
PHL 111	Intro Comparative Religion: Western		_____
PHL 112	Intro Comparative Religion: Eastern		_____
Select 3 Religion Courses or Courses With Significant Religious Content		**12**	_____
Elective 1			_____
Elective 2			_____
Elective 3			_____
Total Credits		**24**	_____

Courses in religion may be counted among the elective courses for the philosophy major and minor.

Major

- Philosophy Major (p. 162)

Minor

- Philosophy Minor (p. 163)
- Religion Minor (p. 164)

Physics

Division of Natural Sciences and Mathematics

Physics is the most fundamental of sciences. Physicists seek to discover the laws that govern the behavior of material objects and waves, and the interactions between particles. Application of these universal laws to systems ranging from atoms and molecules to clusters of galaxies gives rise to challenging problems whose solutions require creative insight alongside logical rigor and mathematical reasoning.

The study of physics helps students to understand the scientific method and its implications— how to make rational inferences from data and how to test hypotheses critically. It also leads to an appreciation of the aesthetic dimensions of a scientist's work and the interrelationship of physics with other areas of knowledge and its technological applications. This aspect is particularly emphasized in courses intended for distribution.

Courses in the department are designed to develop the student's competence in those fundamental areas of classical and modern physics that have played an important role in the evolution of physics. Familiarity with the art of scientific experimentation is provided through laboratory work that complements the study of theoretical principles. Computation — the third mode of "doing physics"— is emphasized at all levels.

The Physics Department prepares its majors for any career where problem-solving skills are required. Popular post-graduation options include graduate study in physics or engineering, industrial research, secondary school teaching, and professional careers in engineering, medicine, information technology, cybersecurity, data analytics, and business/finance.

PHY 100 and PHY 105 Astronomy with Lab are designed to serve the needs of students wishing to take a science course to meet distribution requirements. PHY 101 College Physics I with Lab and PHY 102 College Physics II with Lab are designed as an algebra-based year-long introductory physics sequence for students interested in life sciences and healthcare professions, though they will also satisfy the college distribution requirements. PHY 111 General Physics I with Lab and PHY 112 General Physics II with Lab are designed as a calculus-based year-long introductory physics sequence for students interested in Physics, Engineering, and Chemistry. PHY 100 Concepts in Contemporary Physics W/ Lab, PHY 101 College Physics I with Lab, PHY 102 College Physics II with Lab, and PHY 105 Astronomy with Lab do not assume any special mathematics or science preparation beyond high school algebra and trigonometry.

- Physics Major (p. 169)
- Physics Minor (p. 172)

Derek Thuecks, Chair
Samalka Anandagoda
Karl Kehm
Suyog Shrestha

PHY SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience is required of all majors in Physics. It consists of an experimental, theoretical, or computational investigation of a current topic in physics under the guidance of a faculty mentor. Results of these investigations will be presented in the weekly Physics Seminar and may also result in conference posters or publication in professional journals. Academic credit equivalent to one semester course (four credits) is granted upon successful completion of the Senior Capstone Experience, and a grade of Honors, Pass or Fail will be recorded on the student's transcript along with the title of the investigation.
Term(s) Offered: All Terms, All Years

PHY 100 Concepts in Contemporary Physics W/ Lab 4 Credits
This course traces the evolving concepts of space, time, and motion through the main contributions of Galileo, Newton, Einstein, and Bohr. Topics include sizing up the universe surrounding us, the kinematics and dynamics of motion, the great conservation laws, the unification of space-time and gravity in theories of special and general relativity, the physics of black-holes, and the quantum structure of matter.
Term(s) Offered: Other, Non Conforming

PHY 101 College Physics I with Lab 4 Credits
[Students interested in pursuing Physics or Engineering studies must take PHY 111.] An algebra-based introduction to physics for students interested in life sciences or healthcare professions. Kinematics in one and two dimensions, Newton's laws of motion, work-energy theorem, conservation of energy, conservation of linear momentum, collisions, rotational kinematics and dynamics, simple harmonic motion, Newton's law of gravitation, fluid mechanics, temperature, heat, kinetic theory, and thermodynamics. Prerequisite: High school algebra and trigonometry, or permission of the instructor.
Term(s) Offered: Fall, All Years

PHY 102 College Physics II with Lab 4 Credits
[Students interested in pursuing Physics or Engineering studies must take PHY 112.] Second part of two-semester algebra-based introduction to physics for students interested in life sciences or healthcare professions. Electric charge, electric field and potential, conductors, dielectrics, capacitors, electric circuits and power; magnetic fields, forces on moving charges and on current-carrying wires, fields of current-carrying wires, electromagnetic induction; wave motion, superposition, physical and ray optics; quantum physics of atoms and atomic nuclei.
Requisites: Pre-req: PHY 101 or PHY 111
Term(s) Offered: Spring, All Years

PHY 105 Astronomy with Lab 4 Credits
A survey of the universe, beginning with the Earth, Moon, the planets, and the Sun, and continuing outwards to distant stars, galaxies, galactic clusters, superclusters, and large-scale structure. The emphasis is on the interplay between physical theory and observation that leads to the modern astrophysical perspective of the universe. Topics include the origin and evolution of stars, formation of red giants, planetary nebulae, white dwarfs, neutron stars, supernovae, and black holes. We explore the present state of our knowledge of these objects and how this knowledge is acquired. The course concludes with a discussion of quasars and the past, present, and future of the universe according to the Big Bang cosmology.
Term(s) Offered: Fall, All Years

PHY 111 General Physics I with Lab 4 Credits
A calculus-based introduction to physics for further study in the physical sciences and engineering. Mechanics: kinematics and dynamics of particles, conservation of momentum and energy, the law of universal gravitation, oscillations, and fluids.
Requisites: Pre or co-req: MAT 111 or MAT 106 and MAT 107
Term(s) Offered: Fall, All Years

PHY 112 General Physics II with Lab 4 Credits
Second part of two-semester calculus-based introduction to physics. Thermodynamics: internal energy, heat, work, entropy, and their statistical foundations. Waves: wave propagation, superposition, interference, and physical and ray optics. Electric and magnetic fields: Coulomb's law, Gauss's law, electric potential, steady currents, magnetic forces, Ampere's and Faraday's laws.
Requisites: Pre-req: PHY 111 ; Pre or co-req: MAT 112
Term(s) Offered: Spring, All Years

PHY 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHY 195 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHY 196 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHY 197 Physics Independent Study 4 Credits
The study of areas of physics not covered in other courses. Instructor and student meet weekly to discuss any progress. Designed for students interested in pursuing a professional career in physics or engineering. Available to physics majors and others by agreement of instructor. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHY 211 Modern Physics with Lab 4 Credits
The first part of the course will explain the special theory of relativity: simultaneity, time dilation, length contraction, Lorentz's transformations, and relativistic dynamics. The second part of the course will introduce the fundamental ideas of quantum physics: Planck's hypothesis, Bohr's model of the hydrogen atom, wave-particle duality, Schrödinger's equation, and basic applications of the formalism to atomic and molecular physics.
Requisites: Pre-req: PHY 112 ; Pre or co-req: MAT 210
Term(s) Offered: Fall, All Years

PHY 240 Earth and Planetary Systems 4 Credits
This course features a detailed examination of the unique interaction between the Earth's geosphere, biosphere, hydrosphere and atmosphere, and how these systems contrast with those of the other planets in the solar system. The course includes a lecture and an integrated lab component. The lecture discussion and reading emphasizes the history of Earth systems, from the birth of the solar system and differentiation of the Earth, to the emergence of biological life, chemical evolution of the modern atmosphere, and the changes to the Earth's climate, ocean and lithosphere throughout geologic history. The lab introduces students to important tools in Earth Science research, including radiometric dating, chemical studies of natural materials, remote sensing and database analysis. The course provides advanced students with the necessary scientific and intellectual background for pursuing further studies in Earth and planetary science, geography, and environmental studies.
Requisites: Pre or co-req: ENV 140 and ENV 141
Cross-listed as: PHY 240/ENV 240
Term(s) Offered: Other, Non Conforming

PHY 252 Scientific Modeling & Data Analysis 4 Credits
This course serves as a focused introduction to programming for scientists and engineers. Topics include algorithm development, statistical tests, the fast Fourier transform (FFT), simulating the dynamics of systems represented by coupled ordinary differential equations (e.g. planetary motion via Runge-Kutta methods), numerical integration, root finding, fitting functions to experimental data, and the creation of publication-quality graphics. Students choose and complete an independent research project on a topic related to their major. This course enables students to integrate computation into advanced courses in theoretical and/or experimental science. Programming language: Python.
Requisites: Pre or co-req: MAT 112 . PHY 112
Cross-listed as: PHY 252/MAT 252/CSI 252
Term(s) Offered: Spring, All Years

PHY 290 Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHY 292 Sophomore Physics Seminar 1 Credit
The departmental seminar consists of weekly meetings of students and faculty. Meetings include both formal presentations and informal discussion. Students solve problems in physics, conduct reviews of current scientific literature, deliver oral presentations, and develop writing skills appropriate to the physics discipline. The physics seminar is also the venue for presentations of SCE projects. One credit per semester. The course is open for credit to physics majors and minors only.
Term(s) Offered: Spring, All Years

PHY 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHY 295 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHY 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHY 297 Physics Independent Study 4 Credits
The study of areas of physics not covered in other courses. Instructor and student meet weekly to discuss any progress. Designed for students interested in pursuing a professional career in physics or engineering. Available to physics majors and others by agreement of instructor. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHY 321 Classical Mechanics 4 Credits
Kinematics and dynamics of particles and rigid bodies. Topics include: Conservation laws, central forces, motion in non-inertial frames, small oscillations, and Lagrangian and Hamiltonian equations of motion.
Requisites: Pre-req: PHY 211, PHY 252 and MAT 310
Term(s) Offered: Fall, Odd Years

PHY 322 Quantum Mechanics 4 Credits
An introduction to the fundamental principles of quantum mechanics: quantum states and the principle of superposition, probability distributions and expectation values, observables and operators, operator representations, and perturbation theory. There will be a discussion of selected applications of the theory to atomic, solid state, and nuclear physics.
Requisites: Pre-req: PHY 211, PHY 252 and MAT 310
Term(s) Offered: Spring, Even Years

PHY 323 Thermodynamics & Statistical Mechanics 4 Credits
An in-depth presentation of the three laws of thermodynamics and their applications followed by a study of the statistical foundations that underpin these phenomenological laws. Additional topics include the theory of ideal gases, heat engines, statistical properties of systems of particles, the Boltzmann distribution, entropy, partition functions and quantum gases. Other topics may be included at the discretion of the instructor.
Requisites: Pre-req: PHY 211, PHY 252 and MAT 310
Term(s) Offered: Fall, Even Years

PHY 324 Electricity and Magnetism 4 Credits
Electric and magnetic fields in vacuum. A survey of experiments and theory leading to Maxwell's equations. Topics include: electrostatics, electric currents, magnetic fields, electromagnetic induction, Maxwell's equations, and electromagnetic waves.
Requisites: Pre-req: PHY 211, PHY 252 and MAT 310
Term(s) Offered: Spring, Odd Years

PHY 352 Electronics with Lab 4 Credits
The study of electronics as it is used in the physical sciences. Theory, operation and applications of R-L-C electrical circuits, diodes, transistors, operational amplifiers, timers, analog, digital, mixed-signal and microprocessor circuits.
Requisites: Pre-req: PHY 211 ; Pre or co-req: MAT 310
Term(s) Offered: Fall, All Years

PHY 354 Optics with Lab 4 Credits
This is a first course on electromagnetic waves, a physics/engineering students or other science/math majors with the necessary physics and mathematics background. Topics include geometrical optics and lens systems, the human eye and vision correction, the interaction of light with matter, interference and diffraction effects, and the theory and applications of lasers. A selected number of more advanced topics are covered as time allows, which may include waveguides, Fourier optics, nonlinear optics, or optical pulses and dispersion. The lab component focuses on teaching optics related skills and techniques commonly used in physics, chemistry, and engineering research.
Requisites: Pre-req: PHY 211 ; Pre or co-req: PHY 252
Term(s) Offered: Spring, Non Conforming

PHY 390 Physics Internship 2-4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHY 391 Junior Physics Seminar I 1 Credit
The departmental seminar consists of weekly meetings of students and faculty. Meetings include both formal presentations and informal discussion. Students solve problems in physics, conduct reviews of current scientific literature, deliver oral presentations, and develop writing skills appropriate to the physics discipline. The physics seminar is also the venue for presentations of SCE projects. One credit per semester. The course is open for credit to physics majors and minors only.
Term(s) Offered: Fall, All Years

PHY 392 Junior Physics Seminar II 1 Credit
The departmental seminar consists of weekly meetings of students and faculty. Meetings include both formal presentations and informal discussion. Students solve problems in physics, conduct reviews of current scientific literature, deliver oral presentations, and develop writing skills appropriate to the physics discipline. The physics seminar is also the venue for presentations of SCE projects. One credit per semester. The course is open for credit to physics majors and minors only.
Term(s) Offered: Spring, All Years

PHY 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHY 395 On-Campus Guided Research 4 Credits
An on-campus summer research project guided by a faculty mentor. Based on mutual interests, the student and faculty mentor develop a research project supported by a reading list and involving theoretical, laboratory, or field investigations supervised by the faculty mentor. Participants produce a final report detailing the findings of their research. Selection of students depends on academic background, scholastic achievement, and the results of a personal interview with the faculty mentor.
Term(s) Offered: Summer, All Years

PHY 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

PHY 397 Independent Study 4 Credits
The study of areas of physics not covered in other courses. Instructor and student meet weekly to discuss any progress. Designed for students interested in pursuing a professional career in physics or engineering. Available to physics majors and others by agreement of instructor. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHY 451 Advanced Physics Laboratory 4 Credits
Advanced experiments in mechanics, electromagnetism, waves, physical and geometrical optics, thermal and statistical physics, atomic, and nuclear physics.
Requisites: Pre or co-req: PHY 352 or PHY 354
Term(s) Offered: Fall, All Years

PHY 490 For-Credit Internship 1-4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHY 491 Senior Physics Seminar I 1 Credit
The departmental seminar consists of weekly meetings of students and faculty. Meetings include both formal presentations and informal discussion. Students solve problems in physics, conduct reviews of current scientific literature, deliver oral presentations, and develop writing skills appropriate to the physics discipline. The physics seminar is also the venue for presentations of SCE projects. One credit per semester. The course is open for credit to physics majors and minors only.
Term(s) Offered: Fall, All Years

PHY 492 Senior Physics Seminar II 1 Credit
Weekly meetings of students and faculty. Students are required to read journal articles of current interest in physics and astronomy and give oral presentations summarizing their contents. One credit per semester. Can be taken up to four times for credit. Open for credit to physics majors and minors only.
Term(s) Offered: Spring, All Years

PHY 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHY 495 On-Campus Guided Research 4 Credits
An on-campus summer research project guided by a faculty mentor. Based on mutual interests, the student and faculty mentor develop a research project supported by a reading list and involving theoretical, laboratory, or field investigations supervised by the faculty mentor. Participants produce a final report detailing the findings of their research. Selection of students depends on academic background, scholastic achievement, and the results of a personal interview with the faculty mentor.
Term(s) Offered: Summer, All Years

PHY 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

PHY 497 Independent Study 4 Credits
The study of areas of physics not covered in other courses. Instructor and student meet weekly to discuss any progress. Designed for students interested in pursuing a professional career in physics or engineering. Available to physics majors and others by agreement of instructor. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Physics Major

Department of Physics (p. 165)
Division of Natural Sciences and Mathematics

The Physics Department prepares its majors for any career where problem-solving skills are required. Popular post-graduation options include graduate study in physics or engineering, industrial research, secondary school teaching, and professional careers in engineering, medicine, information technology, cybersecurity, data analytics, and business/finance.

Physics Major Requirements

Code	Title	Credits	Notes
Required Introductory Courses		**16**	_____
PHY 111	General Physics I with Lab		_____
PHY 112	General Physics II with Lab		_____
PHY 211	Modern Physics with Lab		_____
PHY 252	Scientific Modeling & Data Analysis		_____

Select 3 Theory Courses From Below [1]		**12**	_____
PHY 321	Classical Mechanics		_____
PHY 322	Quantum Mechanics		_____
PHY 323	Thermodynamics & Statistical Mechanics		_____
PHY 324	Electricity and Magnetism		_____
Experimental Physics Courses		**8**	_____
PHY 352	Electronics with Lab		_____
or PHY 354	Optics with Lab		_____
PHY 451	Advanced Physics Laboratory		_____
Mathematics Courses [2]		**16**	_____
MAT 111	Differential Calculus		_____
or MAT 106 & MAT 107	Stretch Differential Calculus I and Stretch Differential Calculus II		_____
MAT 112	Integral Calculus		_____
MAT 210	Multivariable Calculus		_____
MAT 310	Differential Equations		_____
One additional physics course at the 300+ level is required. [3]		**4**	_____
300-level PHY			_____
Departmental Seminar Courses [4]		**5**	_____
PHY 292	Sophomore Physics Seminar		_____
PHY 391	Junior Physics Seminar I		_____
PHY 392	Junior Physics Seminar II		_____
PHY 491	Senior Physics Seminar I		_____
PHY 492	Senior Physics Seminar II		_____
Senior Capstone		**2-4**	_____
PHY SCE	Senior Capstone Experience		_____
Total Credits		**63-65**	_____

1 Students planning to attend graduate school in physics or engineering should plan to take all four upper-level theory courses.

2 Students planning to attend graduate school in physics or engineering are also recommended to take MAT 280 Linear Algebra and MAT 340 Numerical Analysis.

3 Another upper-level science/math course approved by the physics department may occasionally be substituted for this requirement.

4 Each seminar course is one credit hour. The seminar meets one afternoon each week. Students begin the seminar sequence during the spring semester of the sophomore year.

Students planning to major in physics should ideally take PHY 111 General Physics I with Lab, PHY 112 General Physics II with Lab, MAT 111 Differential Calculus and MAT 112 Integral Calculus in their freshman year. However, it is possible to complete the major if students start major coursework during their sophomore year. A score of four or better on an Advanced Placement examination may, with the approval of the appropriate academic department, earn course credit toward graduation and make the student eligible to take upper-level courses in the department. Physics majors intending to become certified high school teachers should inform the Education Department as early in their college careers as possible to assure proper scheduling.

Alternate Requirements for the Bachelor of Science in Physics for Dual Degree Engineering Students (3:2 or 3:3 plans only)

Code	Title	Credits	Notes
All of the following introductory courses are required: [5]		**16**	_____
PHY 111	General Physics I with Lab		_____
PHY 112	General Physics II with Lab		_____
PHY 211	Modern Physics with Lab		_____
PHY 252	Scientific Modeling & Data Analysis		_____
Two upper-level theory courses are required, selected from the following:		**8**	_____
PHY 321	Classical Mechanics		_____
PHY 322	Quantum Mechanics		_____

PHY 323	Thermodynamics & Statistical Mechanics		_____
PHY 324	Electricity and Magnetism		_____
One course in Electronics		**4**	_____
PHY 352	Electronics with Lab		_____
All of the following courses in mathematics are required		**16**	_____
MAT 111	Differential Calculus		_____
MAT 112	Integral Calculus		_____
MAT 210	Multivariable Calculus		_____
MAT 310	Differential Equations		_____
Three semesters of the departmental seminar course are required. Each seminar course is one credit hour. The seminar meets one afternoon each week.		**3**	_____
PHY 292	Sophomore Physics Seminar		_____
PHY 391	Junior Physics Seminar I		_____
PHY 392	Junior Physics Seminar II		_____
Total Credits		**47**	_____

[5] Additional courses required by the Engineering partner institution as outlined on the Pre-Engineering section of the catalog (p. 440)

First Year

Fall	Credits	Spring	Credits
FYS 101	4	MAT 112	4
MAT 111	4	PHY 112	4
PHY 111	4	General Ed Course	4
General Ed Course	4	General Ed Course	4
	16		**16**

Second Year

Fall	Credits	Spring	Credits
PHY 211	4	MAT 310	4
MAT 210	4	PHY 252	4
General Ed Course	4	PHY 292	1
General Ed Course	4	General Ed Course	4
		General Ed Course	4
	16		**17**

Third Year

Fall	Credits	Spring	Credits
PHY 321, 322, 323, or 324	4	PHY 321, 322, 323, or 324	4
PHY 391	1	PHY 392	1
General Ed Course	4	PHY 352 or 354	4
General Ed Course	4	General Ed Course	4
Elective Course	4	Elective Course	4
	17		**17**

Fourth Year

Fall	Credits	Spring	Credits
PHY 321, 322, 323, or 324	4	PHY 3XX	4
PHY 451	4	PHY 492	1
PHY 491	1	Elective Course	4
Elective Course	3	PHY SCE	4
Elective Course	4		
	16		**13**

Total Credits 128

Major

- Physics Major (p. 169)

Minor

- Earth and Planetary Science Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/earth-planetary-science-minor/)
- Physics Minor (p. 172)

Certificate

- Secondary Education Certification Program (p. 94)

Pre-Professional

- Pre-Engineering (p. 439)

Physics Minor

Department of Physics (p. 165)
Division of Natural Sciences and Mathematics

Physics Minor Requirements

The minor in physics requires a total of six semester courses in physics:

Code	Title	Credits	Notes
Core Courses		**16**	_____
PHY 111	General Physics I with Lab		_____
PHY 112	General Physics II with Lab		_____
PHY 211	Modern Physics with Lab		_____
PHY 252	Scientific Modeling & Data Analysis		_____
Select two additional courses in physics at the 300 level or higher		**8**	_____
Elective 1			_____
Elective 2			_____
Math Courses		**16**	_____
MAT 111	Differential Calculus		_____
or MAT 106 & MAT 107	Stretch Differential Calculus I and Stretch Differential Calculus II		_____
MAT 112	Integral Calculus		_____
MAT 210	Multivariable Calculus		_____
MAT 310	Differential Equations		_____
Total Credits		**40**	_____

Major

- Physics Major (p. 169)

Minor

- Earth and Planetary Science Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/earth-planetary-science-minor/)
- Physics Minor (p. 172)

Pre-Professional

- Pre-Engineering (p. 439)

Political Science

Division of Social Sciences

The political science major is designed to provide an understanding of the political forces, institutions, ideas, and problems of contemporary society. The curriculum prepares students for graduate studies and professional careers in law, politics, teaching, journalism, government, and international civil service. Our top faculty, our innovative teaching styles, and our emphasis on experiential learning set the study of political science at Washington College apart from other places. Political science students at Washington College benefit from the college's close proximity to our nation's capital as well as Annapolis, the Maryland state capital, and many of our students complete internships or volunteer to work for political parties, nongovernmental organizations or campaigns during election season.

Political science majors may become certified to teach secondary school social studies. To assure proper scheduling, students interested in this program should inform the chairs of both the Political Science and Education Departments as early as possible in their college careers. Students may double-major in Political Science and International Studies; however, those students will be required to take the Senior Seminar in International Studies instead of POL 401 Political Science Senior Seminar and take *one* additional course in Political Science.

- Political Science Major (p. 179)
- Political Science Minor (p. 181)

Christine Wade, Chair
Sarah E. Brown
Flavio Hickel
Andrew Oros
Joseph Prud'homme
Carrie Reiling

POL SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience is an independent research project on a topic of the students choosing, culminating in a thesis of at least 30 pages and the presentation of their research at the Senior Symposium. This project is required of all majors in political science.
Term(s) Offered: All Terms, All Years

POL 102 American Government and Politics 4 Credits
A study of the foundations, institutions, processes and policy issues of American government at the national level.
Term(s) Offered: All Terms, All Years

POL 104 Introduction to World Politics 4 Credits
A general introduction to the study of world politics and international relations. The course focuses on the history and nature of the international system, the cold war and post cold war era, foreign policy behavior, arms control, conflict, nationalism, international political economy, environmental problems, terrorism and human rights.
Term(s) Offered: All Terms, All Years

POL 194 Special Topics 4 Credits
The department occasionally offers a course on a special topic in political science that is not a part of the regular course offerings.
Term(s) Offered: All Terms, All Years

POL 197 Independent Study 4 Credits
Students may receive credit for an individualized course of reading and writing under the supervision of a faculty advisor. The requirements of the course will be specified in a learning contract drawn up by the student and advisor. 45 hours required per credit.
Term(s) Offered: All Terms, All Years

POL 201 Theories of Peace and Conflict 4 Credits
The course reviews theoretical and philosophical approaches to understanding and explaining conflict and peace, including theories of violence and nonviolence. The first half of the course addresses the causes of conflict at the individual, group, and systems level. We also review modern thinking on the relationship between gender and conflict. The second half of the course addresses the theoretical considerations of peace, including positive and negative peace, and the realization of peace through strength, negotiations, justice and personal transformation.
Term(s) Offered: Fall, All Years

POL 202 Justice, Power, and Political Thought 4 Credits
This course introduces students to the study of political philosophy by examining the ways of many of the most influential political theorists have struggled to define the nature of justice, as well as developing an understanding of how theorists have approached the question of founding just regimes; ensuring that just systems of government operate legitimately once established; and assessing the major causes for the deterioration of regimes based on justice.
Term(s) Offered: Spring, All Years

POL 209 Political Data Analysis 4 Credits
This course introduces current research techniques employed by political scientists and other social scientists. Our concentration is on quantitative methods used to investigate political questions. You learn how to work with large political science data sets and write and present detailed data analysis reports. You also learn how to present data using infographics. The course concludes with a large survey research project, in which you write your own survey, collect the data, analyze the results, and present them formally in written and oral form. After taking this course, you will have gained familiarity with SPSS, a common statistical software used by social scientists, and learn more about descriptive statistics, sampling theory and tests of statistical significance.
Requisites: Pre-req: POL 102 or POL 104
Term(s) Offered: Spring, All Years

POL 290 Political Science Internship 4 Credits
Students may receive course credit for an individualized internship at a political organization, under the supervision of a faculty advisor. The details of the internship and associated academic requirements will be specified in a learning contract drawn up by the student and advisor.
Term(s) Offered: All Terms, All Years

POL 294 Special Topics 4 Credits
The department occasionally offers a course on a special topic in political science that is not a part of the regular course offerings.
Term(s) Offered: All Terms, All Years

POL 297 Independent Study 4 Credits
Students may receive credit for an individualized course of reading and writing under the supervision of a faculty advisor. The requirements of the course will be specified in a learning contract drawn up by the student and advisor. 45 hours required per credit.
Term(s) Offered: All Terms, All Years

POL 310 Parties and Interest Groups 4 Credits
Political Parties and Interest Groups are the primary means by which the public exert influence over American politics. They represent the desires of their constituents and enable citizens to pursue common goals more efficiently than acting alone. However, Parties and Interest Groups are also institutions with their own desires and have the capacity to influence (manipulate) the public. We are left with the squestion of who leads who and what does all this mean for our democracy? These questions become increasingly important in an age of heightened political polarization and campaign spending. This course explores these questions by examining the formation, evolution, and behavior of political parties and interest groups in American politics. Among other topics, we analyze their organization and structure, how they recruit and mobilize, and their role in policymaking and campaigns.
Requisites: Pre-req: POL 102
Term(s) Offered: Fall, Odd Years

POL 311 Congress & Political Polarization 4 Credits
As polarization has intensified among political elites and the public, conflict between and within political parties has resulted in near gridlock on all but the most urgent of legislative issues. Why has this happened? How do the formal and informal rules of the legislative process perpetuate this dysfunction? And most importantly, what can we do about it? It is with these questions in mind that we explore the historical development of the United States Congress, its procedures and organizational structure, its relationship to the Executive and Judicial branches, and the ways in which voters hold lawmakers electorally accountable. In short, we explore the electoral and institutional forces that shape the membership of Congress and the institution's (in)capacity to govern. To enrich the learning experience, students participate in a semester-long simulation as U.S. Senators where they draft, debate and vote on legislation.
Requisites: Pre-req: POL 102
Term(s) Offered: Spring, Odd Years

POL 312 The American Presidency 4 Credits
The Presidency has evolved into the most powerful institution in American politics. While the Founders envisioned a glorified clerk executing the will of Congress, the Modern President is expected to enhance the safety, stability, and prosperity of the nation largely on his own. Presidential power has expanded considerably to accomplish these goals, but so too has their ability to sidestep the checks and balances system - posing serious questions for the future of our Democracy. Through an examination of key moments in presidential history, this course explains this evolution and its political implications. In particular, we explore the contexts in which these expansions of power have occurred and how presidents build legitimacy for these changes among the public. We also consider the effect that these changes have had on elections, political polarization, and the general functioning of our government.
Requisites: Pre-req: POL 102
Term(s) Offered: Fall, Odd Years

POL 313 Campaigns and Elections 4 Credits
Campaigns and Elections are the cornerstone of American democracy. Through our readings and discussions, you learn how political campaigns are won and lost and, in the process, gain an understanding of the fundamental factors that drive elections and some of the technical skills employed by political professionals. But this course is about more than memorizing facts and theories - it is designed to foster your ability to think critically and apply what you have learned to the real world. As such, we participate in a semester long simulation of the upcoming Midterm/Presidential campaign. Working in groups, you develop campaign advertisements and a social media presence along with making strategic decisions about where to build field offices, hold fundraisers and campaign events, and how much media time to purchase. As individuals, you draft strategic memos that incorporate the course material to analyze the current state of the simulated campaign along with developing proposals for group assignments. While only one campaign will win on Election Day, you will all gain invaluable experience and insight into the world of Campaigns and Elections.
Requisites: Pre-req: POL 102
Term(s) Offered: Fall, Even Years

POL 314 Religion and Politics in the U.S. 4 Credits
This course is designed to analyze the nature of the relationship between religion and various aspects of politics in the United States. The course considers why religion and politics are so thoroughly interwoven in the United States by examining the religion-politics relationship in historical and theoretical perspective. The course also analyzes how religion affects American politics at the mass and elite levels. Lastly, the course considers church-state conflicts in American jurisprudence by examining some of the most hotly contested Supreme Court cases dealing with First Amendment issues. Prerequisite: Political Science 102 or permission of the instructor.
Requisites: Pre-req: POL 102
Term(s) Offered: Spring, Non Conforming

POL 317 State and Local Politics 4 Credits
This course focuses on the interactions among the three levels of government in the United States as well as on the institutional structures of state and municipal governments. It concentrates on the interaction among governments as a significant portion of the policy-making process. The course discusses the changing roles over time of different levels of government.
Requisites: Pre-req: POL 102
Term(s) Offered: Fall, Non Conforming

POL 320 Law and Society 4 Credits
A study of the American system of criminal justice. The major emphases of the course are the operation of the institutions and processes of the system, the constitutional rights of those accused of crime, and the social goals and consequences of criminal punishment.
Requisites: Pre-req: POL 102
Term(s) Offered: Fall, All Years

POL 321 Women and Politics 4 Credits
This course examines the role of women as voters, citizens, candidates, and leaders in American politics, grounded in theories of gender. Attention is given to the history of the women's movement and the current status of women's organizations. The course also focuses on how various public policies, including workplace issues, family issues, education issues and reproductive rights, affect women and their legal rights.
Requisites: Pre-req: POL 102
Term(s) Offered: Spring, Non Conforming

POL 323 Constitutional Law 4 Credits
An analysis of the distribution of power among the three branches of the federal government, and between the federal and state levels of government, as specified in major decisions of the U.S. Supreme Court. The Court itself is studied as a political institution, with emphasis on its role in a democratic political system. The course also includes a study of the constitutional rights of individuals, as specified by the U.S. Supreme Court, with primary emphasis on issues of freedom and equality.
Requisites: Pre-req: POL 102
Term(s) Offered: Fall, All Years

POL 324 American Political Thought 4 Credits
A study of the influence of values and ideologies upon the formation, evolution, and operation of the American constitutional and political system. In deference to the pragmatic character of American political thought, the course focuses on the writings of American statesmen as they confronted such continuing problems as the nature of the Union, the contest between economic power and democratic power, and the responsibility of government for individual and social welfare. The course concludes with a consideration of the relevance of American political doctrines for the contemporary issues of public policy.
Requisites: Pre-req: POL 102
Term(s) Offered: Fall, Even Years

POL 331 Enduring Topics Westrn Political Thought 4 Credits
A critical study of the enduring problems of political philosophy as treated by the major thinkers in the Western political tradition. The emphasis of the course is upon the fundamental choice of values which underlies the design of every system of government. The course thus examines how such writers as Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, Burke, and Marx have formulated and attempted to resolve the conflicting demands of freedom and order, law and justice, authority and obligation, and the individual and the state.
Requisites: Pre-req: POL 102 or POL 104
Term(s) Offered: Fall, Odd Years

POL 334 Media and Politics 4 Credits
This course explores the role of the media in politics from various perspectives, providing an overview of the following: the history of media in the United States; the legal issues that relate to the media; the impact that the media has on public opinion; the substance (or lack of substance) of the media's coverage of the news, government and elections; biases of the news media; and the increasing conglomeration of the news media through mergers. Throughout the course, these issue areas will be discussed in a larger context involving questions of freedom, representation, and political participation.
Requisites: Pre-req: POL 102
Cross-listed as: POL 334/CMS 334
Term(s) Offered: Spring, Non Conforming

POL 341 Politics of Development 4 Credits
This course focuses on the political and economic challenges confronted by developing countries, including democratization, gender, nationalism and regional integration, trade, foreign investment, and sustainable development. The course also examines issues of development theory and practice in developing countries of Latin America, Asia and Africa.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, All Years

POL 344 Comparative Government: Western Europe 4 Credits
A comparative study of the governmental structures and organizations, as well as the political cultures and processes, of the diverse states of Western Europe, with special focus on the United Kingdom, France, and Germany. Also included is the study of the European Union and its process of expansion into Central Europe.
Requisites: Pre-req: POL 104
Term(s) Offered: Fall, Even Years

POL 345 Democracy in Asia: Past and Future 4 Credits
This course provides a broad overview of the different governmental structures and organizations, as well as history and political cultures, of a range of states in Asia, including Japan, the Koreas, China, India, and the countries of Southeast Asia. Particular attention will be paid to the link between culture, identity and variations in democratic practices.
Requisites: Pre-req: POL 104
Cross-listed as: -
Term(s) Offered: Spring, Even Years

POL 348 Latin American Politics 4 Credits
An introduction to the politics of Latin America. Attention is given to the historical and cultural context of political institutions and behavior, the roles of traditional and emerging groups and forces, political instability, and the decision-making process under different types of regimes. Case studies of individual countries are selected on the basis of their contemporary importance and representativeness of general political problems.
Requisites: Pre-req: POL 104
Term(s) Offered: Fall, Odd Years

POL 351 Politics, Religion, Ethnicity in S. Asia 4 Credits
This is a survey of contemporary politics in South Asia (Afghanistan, India, Nepal, Pakistan, and Sri Lanka). It examines the impact of British colonialism on state formation, the internal politics since the 1940s, and the relationship of these countries to each other and with the major external powers (U.S., Russia, and People's Republic of China) influencing the region.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Odd Years

POL 356 Africa in the World 4 Credits
This course centers African states and the African continent within contemporary global processes and discourses. Attention is given to the structures of power in political economy, colonial relationships, independence and social justice movements, and discourses and depictions in international media and policy. Case studies of individual countries are presented alongside specific international institutions and issues in order to interrogate the meaning of Africa in the world.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Odd Years

POL 370 Global Environmental Politics 4 Credits
This course explores environmental issues in a global context, with particular attention paid to international cooperation, international law, and the roles of governments, institutions, NGOs and social movements. The course also focuses on the impact of environmental problems and cooperation on countries in the Global South/North.
Requisites: Pre-req: POL 102 or POL 104
Cross-listed as: ENV 335/POL 370
Term(s) Offered: Spring, Non Conforming

POL 371 International Politics 4 Credits
A study of an integrated theoretical framework for analyzing the behaviors of nation-states in the international political arena, as well as of selected critical issues and areas in contemporary international politics. Normally included in the study are nuclear weapons systems and their implications in international politics; nuclear arms negotiations and agreements; East-West relations; the triangular relationship among the United States, the former Soviet Union, and China; the Arab-Israeli conflict; the Third World's non-alignment movement, and the North-South tensions. Students who have taken Political Science 302 at Rhodes University will not receive credit for this course.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Even Years

POL 373 Human Rights & Social Justice 4 Credits
This course is designed to provide an introduction to the history, philosophy and major debates on human rights and social justice. Students consider the philosophical and political positions underlying the debates that are central to the promotion of human rights, including gender, universalism and cultural relativism. The course also covers contemporary issues in the international human rights and social justice movement, including the right to development and freedom from poverty, women's human rights, minority rights, torture, slavery and genocide. Group work and the creation of a public awareness campaign are required course assignments.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Even Years

POL 374 International Organization & Law 4 Credits
A study of organized human efforts made throughout history to promote international cooperation and peace. Special attention is given to the principles and rules of international law regulating national conduct in international affairs, the League of Nations, the United Nations, and contemporary blueprints for world federation and government.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Odd Years

POL 375 International Political Economy 4 Credits
This course is a study of the relationship between international politics and economics. It examines theories of international political economy, including Liberal, Mercantilist, and Radical. Using these themes, the course analyzes the history of political economy, the relationship between economics and politics, trade, foreign investment, economic aid, development, dependency, interdependency, and the role of the United States in the global political economy.
Requisites: Pre-req: POL 104
Term(s) Offered: Fall, Even Years

POL 380 American Foreign Policy 4 Credits
A brief historical survey of American diplomacy and analytical study of factors conditioning American foreign policy; the constitutional basis of U.S. foreign relations; the concepts of American national interest and goals; the structure and processes of decision-making and policy-execution; the organization of, and relations among, the White House, Department of State, Department of Defense, other Executive organs, and Congress; and America's current involvement in world affairs.
Requisites: Pre-req: POL 102 or 104, or HIS 201 and 202
Term(s) Offered: Spring, All Years

POL 382 U.S.- Latin American Relations 4 Credits
A study of U.S. foreign policy and Latin America since the Monroe Doctrine. Attention is given to the interests of Latin American nations in their relationship with each other and with other areas of the world, with special emphasis on the post-World War II period.
Requisites: Pre-req: POL 104
Term(s) Offered: Fall, Non Conforming

POL 384 International Relations of East Asia 4 Credits
The course seeks to expand student knowledge of important past political events and contemporary political issues related to the international relations of East Asia, including U.S.-East Asia relations; to introduce students to a new terminology based in international relations theory, including the contentiousness of some terms, major thinkers associated with these terms and theories, and how general international relations theory has been applied to the case of East Asia; and, to assist students in applying their new knowledge of terminology and theory to better understand past and contemporary political interactions in East Asia.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Non Conforming

POL 386 Comparative Peace Processes 4 Credits
This course focuses on contemporary conflicts and efforts at peacebuilding in a comparative perspective. Drawing on cases such as Bosnia, El Salvador, Northern Ireland, and Rwanda, the course examines the roots of conflict, theories of peace, methods of peacebuilding, transitional justice, reconciliation, and international cooperation. Simulations are used to enable students to understand the dynamics of the peace process.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Odd Years

POL 388 U.S. Foreign Policy in the Middle East 4 Credits
In recent decades, the Middle East has proved to be one of the most troubling as well as important parts of the world. The war in Iraq, the standoff with Iran, the regular failure to find a diplomatic solution to the Israeli-Palestinian conflict and the continuing danger posed by Al Qaeda all testify to the intractability of the region's problems. This course focuses on US foreign policy in the Middle East. The United States has grappled with the region's persistent and cross cutting conflicts, and confronted fundamental questions about the use of force, the role of allies and international law.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Even Years

POL 389 Gender and Conflict 4 Credits
This course will explore the gendered dimensions of conflict, focusing on the post-Cold War period and paying particular attention to what feminists have described as the continuum of violence, from militarization of everyday living to overt violent conflict. Topics covered include the political economy of war, sexualized violence, the militarization of gendered bodies, gendered forms of cooperation with violence, and political activism.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Even Years

POL 390 Political Science Internship 4 Credits
Students may receive course credit for an individualized internship at a political organization, under the supervision of a faculty advisor. The details of the internship and associated academic requirements will be specified in a learning contract drawn up by the student and advisor.
Term(s) Offered: All Terms, All Years

POL 394 Special Topics 4 Credits
The department occasionally offers a course on a special topic in political science that is not a part of the regular course offerings.
Term(s) Offered: All Terms, All Years

POL 397 Independent Study 4 Credits
Students may receive credit for an individualized course of reading and writing under the supervision of a faculty advisor. The requirements of the course will be specified in a learning contract drawn up by the student and advisor. 45 hours required per credit.
Term(s) Offered: All Terms, All Years

POL 401 Political Science Senior Seminar 4 Credits
This course is an integrative, capstone course required for all graduating seniors that incorporates writing and research around a particular theme. Open only to seniors graduating that academic year.
Requisites: Pre-req: POL 102 and POL 104
Term(s) Offered: Fall, All Years

POL 419 MD General Assembly Internship 8 Credits
Students enrolled in this program spend two days per week as state legislative interns in Annapolis during the three-month legislative session. They also meet and do assignments for a weekly academic seminar on campus. Students may enroll in this program only by application to the Director. Applicants must have a 3.0 GPA. Eight credits. (Note: this program counts as two political science courses.)
Requisites: Pre-req: POL 311 or POL 317
Term(s) Offered: Spring, All Years

POL 427 Washington Center Internship 12 Credits
A full-time, semester-long internship in Washington, DC, with a federal government, political, or non-profit agency. Depending upon their interest and internship placement, students may attend hearings, conduct policy research, draft correspondence, monitor legislation, lobby members of Congress, and write analytical reports. Students create an in-depth portfolio of their internship experience. Prerequisite: Successful application to The Washington Center for Internships and Academic Seminars. This course is normally open only to juniors and seniors. Twelve credits. The internship package of Political Science 427, 428, and 429 yields 16 credits towards graduation and 8 credits towards the political science major or minor.
Requisites: Pre-req: POL 102
Term(s) Offered: All Terms, All Years

POL 428 Washington Center Seminar 3 Credits
Washington Center Interns participate in an evening seminar selected from a variety of topics offered during the semester. Students engage in class discussion and may also research seminar topics, prepare written assignments, and take examinations. Required of and limited to students enrolled in Political Science 427. Three credits.
Requisites: Pre-req: POL 102
Term(s) Offered: All Terms, All Years

POL 429 Washington Center Forum 1 Credit
Washington Center Interns participate in lectures, site visits, small group discussions, briefings, and other required events designed to help them understand the connection between their academic and professional goals and the special educational opportunities available through living and working in Washington, DC. Evaluations of these experiences are included in the student portfolio. Required of and limited to students enrolled in Political Science 427. One credit.
Requisites: Pre-req: POL 102
Term(s) Offered: All Terms, All Years

POL 430 Oxford Sem on Religion, Pol, & Culture 4 Credits
This distinctive study abroad course involves intensive study at the University of Oxford. Students conduct individual research projects and attend seminars under the direction of Oxford University faculty. The topic of the Seminar engages issues at the intersection of religion, politics, and culture. The course begins with instructional meetings int he spring and concludes with an oral defense of a substantial research paper in the fall. The course involces 49 hours of direct instructional contact and additional experiential learning in the form of structured trips and attendance of a Shakespeare play in Stratford upon Avon.
Cross-listed as: PHL 430/POL 430
Term(s) Offered: Summer, All Years

POL 471 Model Diplomacy 2 Credits
This two-credit course is offered as a complement to required delegate training for participation in an off-campus model diplomacy simulation. The course goes beyond the basics of delegate preparation (public speaking, model procedure, and familiarity with committee topics) to offer a broader framework for understanding the evolution of the practice of diplomacy, principal challenges facing diplomats today, and the role of diplomacy and the diplomat in the modern world. As part of the course, students are offered individualized feedback on their committee research for a model simulation, background information on important developments in international affairs and major international organizations, and the opportunity to reflect on the linkage between the model experience and the actual practice of international organizations in the 21st and previous centuries. Prerequisite: application and acceptance into a Model Diplomacy program.
Term(s) Offered: Fall, All Years

POL 473 Model United Nations 2 Credits
This two-credit course is offered as a complement to required delegate training for participation in an off-campus model United Nations simulation. The course goes beyond the basics of delegate preparation (public speaking, model procedure, and familiarity with committee topics) to offer a broader framework for understanding the evolution of the United Nations since its founding in 1945, principal challenges it faces today, and the role of diplomacy and the diplomat in the modern world. As part of the course, students are offered individualized feedback on their committee research for the model simulation, background information on important developments in international affairs and major international organizations, and the opportunity to reflect on the linkage between the model experience and the actual practice of international organizations in the 21st and previous centuries. Prerequisite: application and acceptance into a Model United Nations program.
Term(s) Offered: Spring, All Years

POL 490 Political Science Internship 4 Credits
Students may receive course credit for an individualized internship at a political organization, under the supervision of a faculty advisor. The details of the internship and associated academic requirements will be specified in a learning contract drawn up by the student and advisor.
Term(s) Offered: All Terms, All Years

POL 494 Special Topics 4 Credits
The department occasionally offers a course on a special topic in political science that is not a part of the regular course offerings.
Term(s) Offered: All Terms, All Years

POL 497 Independent Study 4 Credits
Students may receive credit for an individualized course of reading and writing under the supervision of a faculty advisor. The requirements of the course will be specified in a learning contract drawn up by the student and advisor. 45 hours required per credit.
Term(s) Offered: All Terms, All Years

Political Science Major

Department of Political Science (p. 172)
Division of Social Sciences

Political Science Major Requirements

Code	Title	Credits	Notes
Core Courses		**20**	_____
POL 102	American Government and Politics (to be taken in the freshman or sophomore year)		_____
POL 104	Introduction to World Politics (to be taken in the freshman or sophomore year)		_____
POL 201	Theories of Peace and Conflict (to be completed by the junior year)		_____
or POL 202	Justice, Power, and Political Thought		_____
POL 209	Political Data Analysis (to be taken in the spring of the junior year)		_____
POL 401	Political Science Senior Seminar		_____
Select 7 Courses From Below (1 From Each Category)		**28**	_____
American Government and Political Thought			_____
POL 310	Parties and Interest Groups		_____
POL 311	Congress & Political Polarization		_____
POL 312	The American Presidency		_____
POL 313	Campaigns and Elections		_____
POL 314	Religion and Politics in the U.S.		_____
POL 317	State and Local Politics		_____
POL 320	Law and Society		_____
POL 321	Women and Politics		_____
POL 323	Constitutional Law		_____
POL 324	American Political Thought		_____
POL 331	Enduring Topics Westrn Political Thought		_____
POL 334	Media and Politics		_____

Comparative Politics			_____
POL 341	Politics of Development		_____
POL 344	Comparative Government: Western Europe		_____
POL 345	Democracy in Asia: Past and Future		_____
POL 348	Latin American Politics		_____
POL 351	Politics, Religion, Ethnicity in S. Asia		_____
POL 356	Africa in the World		_____
International Politics			_____
POL 371	International Politics		_____
POL 373	Human Rights & Social Justice		_____
POL 374	International Organization & Law		_____
POL 375	International Political Economy		_____
POL 380	American Foreign Policy		_____
POL 382	U.S.- Latin American Relations		_____
POL 384	International Relations of East Asia		_____
POL 386	Comparative Peace Processes		_____
POL 388	U.S. Foreign Policy in the Middle East		_____
POL 389	Gender and Conflict		_____
Experiential Learning [1]		**0**	_____
Senior Capstone Experience (POL SCE)		**2-4**	_____
Total Credits		**50-52**	_____

[1] Must complete one experiential learning activity, a meaningful experience related to politics outside of the classroom. It is important for students to apply theories and concepts in "real-world" setting. See below for the many ways to complete the Experiential requirement:

- Completion of an POL internship related approved by the political science faculty (either credit or non-credit bearing). Credit-bearing internships include structured programs such as the Maryland General Assembly and the Washington Center Internship Program in Washington, DC—all of which have GPA requirements. Also allowed are internships through the Global Education Office (p. 249). Students may arrange their own political internship experience and work with political science faculty to develop course credit or may opt to complete an internship without a credit option. To earn college credit for a political internship, arrangements must be made **prior** to the start of the internship.
- Participation in the Geographic Information Systems program that has a direct policy or political application.
- Completion of a substantial volunteer or political advocacy activity *outside* of class requirements that has been approved by a political science faculty. Regular participation in student clubs, such as Student Government or College Democrats or Republicans, does not count.
- At least one semester or summer study abroad. The college currently participates in more than 30 study-abroad programs—including 15 programs in which courses are taught in English. Students who complete the Oxford Research Seminar or other short-term study abroad related to Political Science may count it for the experiential learning activity.

Students completing POL 209 Political Data Analysis, can have that course count as one quantitative course toward the college's distribution requirements.

Students may interested in special programs and student conferences:

- Model Diplomacy and Model United Nations
- Student Conference on United States Affairs at West Point
- PLEN Seminar on Women and Congress, Women and Public Policy, and/or Women in Global Policy

Major

- International Studies Major (https://catalog.washcoll.edu/catalog/interdisciplinary/international-studies-major/)
- Political Science Major (p. 179)

Minor

- Peace and Conflict Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/peace-conflict-studies-minor/)
- Political Science Minor (p. 181)

Political Science Minor

Department of Political Science (p. 172)
Division of Social Sciences

Political Science Minor Requirements

Code	Title	Credits	Notes
Required Core Courses		**8**	_____
POL 102	American Government and Politics		_____
POL 104	Introduction to World Politics		_____
Four Additional Upper-Level Courses		**16**	_____
Total Credits		**24**	_____

Students who minor in political science must complete three courses at Washington College or in a Washington College program.

Students majoring in International Studies may not minor in political science.

Major

- Political Science Major (p. 179)

Minor

- Political Science Minor (p. 181)

Psychology

Division of Natural Sciences and Mathematics

Psychology addresses the fundamental premises of human behavior and the brain's complex role in determining who we are. Students are kept abreast of the latest scientific advances and research methods in this burgeoning field. The department offers a Bachelor of Arts degree in experimental psychology, as well as two specialized programs: a Bachelor of Arts concentration in clinical/counseling and a Bachelor of Science concentration in behavioral neuroscience.

The curriculum in psychology is designed to provide a strong background in the biobehavioral sciences and to prepare students for entry into graduate programs in experimental psychology, clinical/counseling psychology, neuroscience, medicine, and related fields. The course offerings reflect both the basic scientific content of psychology and its application in the clinical setting or in the business world. The department heavily stresses faculty-student interaction through laboratories and internships. A psychology club is open to all interested students, and a chapter of Psi Chi, the international honor society in psychology, hosts speakers and supplementary activities.

The curriculum is three-tiered. Students first survey the domain through a year-long general psychology course sequence (tier 1) and then progress through a two-semester methods sequence in statistics and research design while they broaden and deepen their understanding through lab-oriented coursework (tier 2). Students preparing for graduate or professional school are encouraged to work with faculty in a mentor-apprentice fashion no later than their third year; such work often culminates in faculty/student presentations at conferences or co-authored professional publications. Junior seminar (PSY 399) helps students prepare for the senior year as well as consider post-graduate plans. In their last year, majors design and conduct an original research project or write a theoretical review to address some unanswered question in the field under the guidance of a faculty mentor (tier 3). The conceptualization of the senior capstone project is typically proposed during the spring of the junior year. In addition to the written thesis, the results are presented in poster format during the second semester of the senior year. Senior Capstones judged by the departmental faculty to be outstanding earn honors status, and the author of one exceptional project per year can be granted the Psychology Department Senior Capstone Award.

The Virginia Conner '85 Prize is given annually to the graduating psychology major "who has demonstrated outstanding ability and achievement in the biobehavioral sciences." Additional senior awards are given by the department faculty for outstanding achievement and extraordinary promise in the field of psychology. Recent graduates have earned their Ph.D. or M.D. from such universities as Toronto, Columbia, Purdue, Delaware, Drexel, South Carolina, Maryland, and Virginia Commonwealth.

Grants awarded to the department by the National Science Foundation and the Jessie Ball duPont Fund have provided state-of-the-art laboratory instrumentation within our renovated facility. The Daniel Z. Gibson/John A. Wagner Psychology Department Fund provides honoraria for prominent speakers. Money is also available to support student travel to professional conferences.

Teaching and research facilities include computerized labs in biostatistics, biofeedback/psychophysiology, cognition, and sensation and perception; developmental, social, and health labs with digital recording capabilities, a psychometric testing lab complete with personality and cognitive

instrumentation, a neuroscience lab with histology and surgery capabilities, a computer-driven operant conditioning lab, and transcranial doppler and topographic EEG machines to map brain functioning.

Qualified students may spend a semester or longer during their junior and/or senior year in which they earn academic credit while gaining experience in the helping professions. A wide array of internship experiences in local schools and therapeutic settings are available. Students can also be trained as Wellness Advocacy Coaches who provide peer-to-peer support on campus. A junior year abroad program allows students to broaden their horizons at approved institutions; if possible, Psychology majors are encouraged to choose the fall semester of the junior year to go abroad because Junior Seminar is offered each spring.

First-Year and Sophomore Courses

PSY 111 (https://catalog.washcoll.edu/search/?P=PSY%20111) General Psychology and PSY 112 (https://catalog.washcoll.edu/search/?P=PSY%20112) General Psychology, the General Psychology sequence, count toward Social Science distribution requirements. PSY 111 (https://catalog.washcoll.edu/search/?P=PSY%20111) is not a prerequisite for PSY 112 (https://catalog.washcoll.edu/search/?P=PSY%20112); they can be taken in any order. Most 200-level courses have no or limited pre-requisite courses. Students interested in pursuing psychology beyond the introductory sequence should complete PSY 209 (https://catalog.washcoll.edu/search/?P=PSY%20209) Statistics & Research Design I with Lab, by the end of their sophomore year.

Writing in the Major Courses

PSY 309 Statistics & Research Design II With Lab and Junior Seminar (PSY 399) focus on psychological research. Together, these two courses refine reading, writing, and thinking skills necessary for performing research. Written components of these courses are specifically designed to hone students' ability to write in APA style and create succinct research proposals.

- Psychology Major, Behavioral Neuroscience Concentration B.S. (p. 186)
- Psychology Major, Clinical/Counseling Concentration B.A. (p. 188)
- Experimental Psychology Major B.A. (p. 189)
- Psychology Minor (p. 191)

Tia Murphy, Chair
Michele Clapp
Cynthia Gibson
Nikki Hurless
Daniel Kochli
Lauren Littlefield
Kevin McKillop
Audrey Weil

PSY SCE Senior Capstone Experience 2-4 Credits
The culmination of student academic experiences, the SCE in Psychology is intended to provide each student with an opportunity to deeply explore a research topic in psychology. In consultation with a faculty mentor, a process of active inquiry is facilitated that requires critical thinking, integration of acquired knowledge and skills, and mastery of intellectual accomplishment beyond the classroom. A theoretical review of a problem/question in the field or a data-driven research project is completed by each student.
Term(s) Offered: All Terms, All Years

PSY 111 General Psychology 4 Credits
An introduction to the scientific study of behavior and mind, embracing all aspects of human experience. This course introduces the student to the cognitive, neurological, and biological aspects of psychology in addition to basic research methodologies and major findings in these areas. Topics include the anatomical and functional organization of the nervous system, consciousness, learning, and memory.
Term(s) Offered: Fall, All Years

PSY 112 General Psychology 4 Credits
An introduction to the scientific study of behavior and mind, embracing all aspects of human experience. This course introduces the student to the clinical/counseling, developmental, personality, and social aspects of psychology in addition to basic research methodologies and major findings in these areas. Topics include social interactions, theories of personality, psychopathology, and development. PSY 111 is not a prerequisite for PSY 112.
Term(s) Offered: Spring, All Years

PSY 194 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: Other, Non Conforming

PSY 202 Life-Span Development 4 Credits
This course provides a broad overview of human growth and development from infancy to late adulthood. Changes in biological, cognitive, emotional, and social domains are discussed at each period of the lifespan. Topics include heredity, learning, emotional development, temperament, attachment, gender development, developmental disorders, peer relationships, families, and aging. Recent research in these domains is also highlighted.
Term(s) Offered: Other, All Years

PSY 205 Drugs & Behavior 4 Credits
A survey of human physiological and behavioral responses to commonly used drugs. Special emphasis is placed on nonprescription drugs (nicotine, alcohol, caffeine, cocaine), psychotherapeutic agents (anti-depressants), and other psychoactive drugs (opioids, hallucinogens, marijuana, amphetamine). Societal issues related to illicit and therapeutic drug use, abuse, legislation and policies also are topics of exploration and discussion.
Term(s) Offered: Other, All Years

PSY 209 Statistics & Research Design I with Lab 4 Credits
Consideration of sampling theory, the design of experiments, and the analysis and presentation of data with emphasis on correlation, t-test, chi square, and the analysis of variance. Attention is given to parametric and non-parametric procedures. Students learn both to hand calculate and to use a simple computer analysis package to analyze data.
Term(s) Offered: All Terms, All Years

PSY 210 Biopsychology with Lab 4 Credits
The study of the biological bases of human and non-human behavior. The emphasis is on the organization of the nervous system as it relates to behavior and conscious thought. Specific topics may include: structure and function of the nervous and endocrine systems; mechanisms of neurotransmission; neurologic disorders; feeding; reproduction; aggression; sleep and dreaming; functional organization of sensory and motor systems; lateralization of function and language disorders; learning and memory; and the biological bases of emotion and psychopathology.
Requisites: Pre or co-req: BIO 111 and BIO 112, or PSY 111 and PSY 112
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

PSY 220 Human Sexuality 4 Credits
A biological approach to the study of human sexuality. This course emphasizes topics such as the anatomy and physiology of the human reproductive system, conception and contraception, STDs and infertility and then continues on to discuss the influences that shape sexual attitudes as well as the values and behavior systems that influence human sexual behavior. An overview of attitudes towards sexuality across cultures is included.
Term(s) Offered: Other, Non Conforming

PSY 221 Social Psychology 4 Credits
The course surveys the major topics and theories of social psychology, such as social perception, attitudes, altruistic behavior, aggression, attraction, social cognition, as well as applied areas of social psychology and the legal system and the social psychology of health behavior. Special emphasis is placed on original research and recent developments in the field.
Term(s) Offered: Fall, All Years

PSY 231 Personality 4 Credits
Discussion of the major approaches to personality from the psychodynamic approach of Freud to the contemporary cognitive approaches of Kelly, Bandura, and Mischel. Research regarding major personality attributes (need for achievement, authoritarianism, intelligence) may also be discussed.
Term(s) Offered: Other, Non Conforming

PSY 233 Traditional Psychiatric Disorders 4 Credits
Evaluation of the etiology of various forms of behavior disorders (anxiety, mood, substance abuse, psychotic), their symptoms, and treatment. These disorders are considered in relation to clinical theories, research, and practice.
Requisites: Pre-req: PSY 112
Cross-listed as: -
Term(s) Offered: Fall, All Years

PSY 234 Medical and Developmental Disorders 4 Credits
Evaluation of the etiology, symptoms, and treatment of behavior disorders within the broad areas of childhood/developmental disorders and medical/organically induced abnormal behavior. Specific topics include disorders of personality, impulse-control, eating, sleep, sex, and neurocognition. Disorders are considered in relation to clinical theories, research, and practice.
Requisites: Pre-req: PSY 112
Cross-listed as: .
Term(s) Offered: Other, Non Conforming

PSY 240 Practicing Mindfulness 2 Credits
This course will provide students with an introduction to mindfulness through a combination of lecture, practice, and class discussion. Students will learn the core principles of mindfulness and how to apply them to their daily lives. A key component of this experiential course will involve students developing their own mindfulness practice, as they explore different strategies and develop skills to enhance their awareness of the mind-body connection.
Cross-listed as: PSY 240/WPD 240
Term(s) Offered: Spring, All Years

PSY 294 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: Other, Non Conforming

PSY 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PSY 302 Social and Personality Development W/Lab 4 Credits
This course explores the current theories and research of social and personality development from infancy to adolescence. Topics include emotional development, temperament, attachment, aggression, moral development, self-concept, and gender-role development. We also discuss the effects that parents, peers, and the media can have on children's development. Students have the opportunity to conduct a developmental psychology research project. PSY 209 is recommended.
Requisites: Pre-req: PSY 202 or permission of instructor
Cross-listed as: .
Term(s) Offered: Other, Non Conforming

PSY 304 Theories and Processes of Counseling 4 Credits
This course examines the major theories of counseling, including humanistic, psychoanalytic/psychodynamic, action-oriented, and multicultural theories, among others. This course also examines key common factors across theories and provides opportunities to acquire practical counseling process skills such as active listening and problem-solving skills.
Requisites: Pre-req: PSY 111 and PSY 112, or two Sociology courses
Term(s) Offered: Other, All Years

PSY 305 Psychopharmacology with Lab 4 Credits
An in-depth study of the chemistry and pharmacology of the nervous system. Laboratory exercises emphasize the use of laboratory animal models in pharmacological research. The actions of pharmacological agents on both the central nervous system and the peripheral nervous system are explored. Laboratory exercises emphasize the use of behavioral measures used by pharmaceutical researchers to assess dose effects, drug tolerance, withdrawal, and drug interactions.
Requisites: Pre or co-req: PSY 210, or BIO 111 and BIO 112
Term(s) Offered: Spring, Non Conforming

PSY 309 Statistics & Research Design II With Lab 4 Credits
A survey overview of appropriate research designs employed in psychological research. Emphasis is on evaluation and application of scientific methods and data analysis in inferential statistics. Specific topics include factorial designs and analysis of variance, appropriate group comparison tests of significance, prediction and multiple regression, and an overview of other advanced research designs and analyses. Examples are drawn from a wide range of behavioral sciences. Principles relating to the planning, implementation, and ethics of psychological research are examined and emphasis is placed upon critical evaluation of published research. A significant portion of the course is devoted to instruction in SPSS, a computer-based statistical package.
Requisites: Pre-req: PSY 111 and PSY 112, and PSY 209 or MAT 109
Term(s) Offered: All Terms, All Years

PSY 310 Human Neuropsychology with Lab 4 Credits
Human Neuropsychology examines brain structure-function relationships. Students are exposed to mental status screening techniques and neuropsychological evaluation methods, incorporating these tools as part of their semester-long, lab research projects. Students become familiar with the major neurological disorders, including the typical brain structures involved, how the disorders are diagnosed, their differential functional impact, and common rehabilitative treatments.
Requisites: Pre-req: PSY 111 and PSY 112 ; Pre or co-req: PSY 209 or MAT 109
Term(s) Offered: Fall, Non Conforming
Fees: $50 Lab Fee

PSY 313 Learning & Appl Behavioral Anal. w/Lab 4 Credits
Reviews of theoretical and empirical research related to classical, operant and cognitive aspects of learning. Emphasis in lectures and the laboratory is on the use of these theoretical contributions within the discipline of Applied Behavioral Analysis.
Requisites: Pre-req: PSY 111 and PSY 112
Term(s) Offered: Other, Non Conforming

PSY 316 Cognitive Neuroscience with Lab 4 Credits
Cognitive neuroscience investigates the biological basis of higher order cognition and complex human behavior. Topics include perception, attention, memory, language, and executive function. The laboratory portion provides opportunities to discuss, demonstrate, and experience cognitive and neural phenomena.
Requisites: Pre-req: PSY 111 and PSY 112
Term(s) Offered: Other, All Years

PSY 317 Princ of Sensation & Perception w/Lab 4 Credits
A survey of the methods by which humans detect and process external stimuli and the brain pathways involved in creating meaningful perceptions out of sensory information. Special attention is directed to sensory physiology, perceptual illusions and deficits in each sensory modality, including vision, audition, olfaction, taste, and touch. Laboratory demonstrations and simulations are intended to provide concrete examples and provide a mechanism for exploring each sensory modality.
Requisites: Pre or co-req: PSY 111 and PSY 112
Term(s) Offered: Other, Non Conforming

PSY 320 Health Psychology with Lab 4 Credits
An examination of the psychological effects of health behavior, physical effects of psychological experiences, and theories of health behavior. Applies social psychological perspectives to such topics as stress-related diseases, placebo effects, doctor-patient interactions, dying, and the hospital environment. Additionally, the course covers theories and research on preventive health behavior; adherence to medical treatment; health lifestyles; substance use and abuse; and anxiety and depression in medical illness. Laboratory component is a qualitative study of individuals' health experiences.
Requisites: Pre-req: PSY 111 and PSY 112
Term(s) Offered: Fall, All Years

PSY 321 Experimental Social Psychology with Lab 4 Credits
Thorough and critical examination of current social-psychological thought and theory through discussion of primary experimental reports and review articles. The issues addressed in this course vary from year-to-year, but have included social exclusion, self-regulation, lying and detecting deceit, gossip, violent video games, sexism, racism, humor, terror management, happiness, awe and humility. The laboratory component involves student-initiated research in laboratory or natural settings.
Requisites: Pre-req: PSY 111, PSY 112 or two semesters of Sociology.
Term(s) Offered: Spring, All Years

PSY 323 Industrial/Organizational Psychology 4 Credits
Examines work and organizational behavior from psychological, business science, and sociological viewpoints. Topics include personnel psychology, job motivation, and job satisfaction, and other job attitudes are examined along with organizational culture, group process, leadership, and organizational development. Concepts are appropriate for application to corporations and small businesses as well as community groups and nonprofit organizations.
Term(s) Offered: Other, Non Conforming

PSY 333 Psychological Testing 4 Credits
An analysis of the construction, interpretation, and application of various psychological tests and measurement tools. Personality, intelligence, vocational, achievement, and aptitude tests are evaluated.
Requisites: Pre or co-req: PSY 111 and PSY 112
Term(s) Offered: Fall, Odd Years

PSY 382 Introduction to Social Welfare 4 Credits
This course offers students a broad understanding of contemporary social problems and the social welfare policies, programs and services designed to address them. The history, individual and social consequences, and programmatic approaches to the amelioration of each social problem area is explored. A primary goal of this course is to introduce students to the profession of social work: its fields of practice, values and ethics. This course integrates core social work competencies and has particular relevance to students considering practice, administrative or policy careers in the helping professions.
Requisites: Pre-req: SOC 101 or PSY 112
Cross-listed as: PSY 382/SOC 382
Term(s) Offered: Other, Non Conforming

PSY 394 Special Topics 2-4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: Other, Non Conforming

PSY 395 On-Campus Guided Research 2-4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. 45 hours are required per credit.
Term(s) Offered: Other, Non Conforming

PSY 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. 45 hours are required per credit.
Term(s) Offered: Other, Non Conforming

PSY 397 Psychology Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: Other, Non Conforming

PSY 399 Junior Seminar 2 Credits
This required 2-credit course, normally taken during the second semester of the junior year, teaches foundational skills essential to psychology as a professions, such as ethics certification, writing in the discipline, and proposal development. By taking this seminar, students have the opportunity to clarify achievement goals and develop academic and career plans.
Term(s) Offered: Spring, All Years

PSY 404 Multicultural Competence with Lab 4 Credits
Multicultural Competence provides an introduction to multicultural and diversity issues in psychology. This course examines topics such as: multicultural issues in counseling, power and privilege, cultural humility, intersectionality, the link between oppression and mental health, advocacy, and social justice. This course encourages personal reflection and the development of self-awareness in order to understand how our own cultural identities and backgrounds - including experiences of privilege and marginalization and the intersections of these experiences- shape our ways of being in the world. During lab, students have the opportunity to engage in interactive activities and projects to enhance understanding of course material.
Requisites: Pre-req: PSY 111 and PSY 112
Term(s) Offered: Other, Non Conforming

PSY 410 Neuroscience Research Methods w/Lab 4 Credits
This course is recommended for students who are preparing for graduate study in neuroscience or medicine and combines seminar and lab work. The topics discussed in the seminar vary from year to year (e.g., psychopharmacology of mood disorders, animal models of mental illness, traumatic brain injury, cognitive & neurological assessment) and may be repeated with permission of the concentration advisor. During the final portion of the course, students design and conduct a pilot research project. The project should be a means for the student to hone skills (e.g., perfect a specific surgical procedure) or apply specific research techniques (e.g., neural tract-tracing, histochemistry, clinical neurological assessment, animal behavioral assessments, or topographic EEG mapping) available to students in the department laboratories for his or her senior thesis project.
Requisites: Pre-req: BIO 111 and 112, or PSY 111 and PSY 112 . PSY 209 or MAT 109
Cross-listed as: -
Term(s) Offered: Other, Non Conforming
Fees: $50 Lab Fee

PSY 433 Child Assessment with Lab 4 Credits
This course provides the student with knowledge and experience in the clinical assessment of children. In addition to clinical report writing, students learn observational techniques, interviewing skills, behavioral/emotional scales, and measures of cognitive assessment that are specific to children and adolescents.
Requisites: Pre-req: PSY 333
Term(s) Offered: Spring, Even Years

PSY 490 Psychology Internship 2-4 Credits
Supervised experience in a community agency or on-campus providing some aspect of wellness prevention or psychological intervention services. The class includes seminar sessions to help students achieve a fuller understanding of their placement experiences. A large variety of placements are available. PSY 490 is used for 2 and 4 credit experiences. A maximum of 12 internship credits can be earned between on-campus and community/off-campus options, but no more than eight community internship credits can be accrued. Permission of the instructor. Junior or Senior status.
Term(s) Offered: All Terms, All Years

PSY 494 Special Topics 2-4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: Other, Non Conforming

PSY 495 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. 45 hours are required per credit.
Term(s) Offered: Other, Non Conforming

PSY 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. 45 hours are required per credit.
Term(s) Offered: Other, Non Conforming

PSY 497 Psychology Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: Other, Non Conforming

Psychology Major, Behavioral Neuroscience Concentration

Department of Psychology (p. 181)
Division of Natural Sciences and Mathematics
Concentration Advisor: Dr. Weil

The concentration in behavioral neuroscience is designed for students with a focused interest in the biological bases of behavior and thought. The concentration is well suited for students who are contemplating professional or research careers in medicine, pharmaceuticals, veterinary medicine, animal science, neurology, and neuroscience. Because BN concentrators have additional laboratory requirements beyond other Psychology majors, students in the BN track earn a Bachelor of Science (B.S.).

Psychology Major with a Behavioral Nueroscience Concentration (B.S.) Requirements

Code	Title	Credits	Notes
Required Introductory Courses		**16**	_____
BIO 111	General Biology I with Lab		_____
BIO 112	General Biology II with Lab		_____
CHE 120 & CHE 122	Chem Principles Org Molecules with Lab and Chemical Principles Orgnc Molecules Lab		_____
CHE 140 & CHE 142	Reactions of Organic Molecules with Lab and Reactions of Organic Molecules Lab		_____
The Psychology Core		**18**	_____
PSY 111	General Psychology		_____
PSY 112	General Psychology		_____
PSY 209	Statistics & Research Design I with Lab		_____
PSY 309	Statistics & Research Design II With Lab		_____
PSY 399	Junior Seminar (2 credits)		_____
Behavioral Neuroscience Core		**8**	_____
PSY 210	Biopsychology with Lab		_____
PSY 410	Neuroscience Research Methods w/ Lab [3]		_____
Select 3 Courses From Below [1]		**12**	_____
PSY 305	Psychopharmacology with Lab		_____
PSY 310	Human Neuropsychology with Lab		_____
PSY 313	Learning & Appl Behavioral Anal. w/ Lab		_____
PSY 316	Cognitive Neuroscience with Lab		_____
PSY 317	Princ of Sensation & Perception w/ Lab		_____
PSY 294/394	Special Topics [2]		_____
Select 1 Fundamental Psychology Course From Below		**4**	_____
PSY 202	Life-Span Development		_____
PSY 221	Social Psychology		_____
PSY 233	Traditional Psychiatric Disorders		_____
PSY 234	Medical and Developmental Disorders		_____
PSY 320	Health Psychology with Lab		_____
PSY 333	Psychological Testing		_____
Senior Capstone Experience (PSY SCE topic must cover neurological mechanisms governing behavior)		**2-4**	_____
Total Credits		**60-62**	_____

1 With approval of the Behavioral Neuroscience advisor, on-campus research, off-campus research, or one upper-level laboratory course in Biology, Chemistry, or Physics can count for this section.

2 Only special topics courses in Behavioral Neuroscience (advisor approved) may count for the PSY 294 Special Topics/PSY 394 Special Topics option.

[3] PSY 310 Human Neuropsychology with Lab: Human Neuropsychology with Lab may be substituted for PSY 410 Neuroscience Research Methods w/Lab for students completing both Clinical Counseling and Behavioral Neuroscience concentrations.

Notes

Students majoring in Behavioral Neuroscience are encouraged to take additional 300- and 400-level PSY courses, as well as other upper-level BIO and CHE courses.

Students planning to complete graduate neuroscience programs, medical, or veterinary schools should consider MAT 111 Differential Calculus, MAT 112 Integral Calculus, PHY 111 General Physics I with Lab, PHY 112 General Physics II with Lab, and CHE 309 Biochemistry with Lab/BIO 409 Biochemistry with Lab. Such students should consult with the pre-medical advisor or their behavioral neuroscience advisor.

Major

- Neuroscience Major (https://catalog.washcoll.edu/catalog/interdisciplinary/neuroscience-major/)
- Psychology (Experimental) Major (p. 189)
- Psychology Major, Behavioral Neuroscience Concentration (p. 186)
- Psychology Major, Clinical/Counseling Concentration (p. 188)

Minor

- Psychology Minor (p. 191)
- Public Health Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/public-health-minor/)
- Social Welfare Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/social-welfare-minor/)

Psychology Major, Clinical/Counseling Concentration

Department of Psychology (p. 181)
Division of Natural Sciences and Mathematics

Concentration Advisor: Dr. Lauren Littlefield

This major prepares students interested in the helping professions and human services. Coursework provides students with a foundation for graduate work in counseling, school psychology, clinical psychology, and the allied health fields. Students are also prepared for entry-level positions in human resources, management, child care or school settings as well as work as clinical/counseling assistants or research assistants.

Psychology Major with a Clinical/Counseling Concentration (B.A.) Requirements

Code	Title	Credits	Notes
The Psychology Core		**18**	_____
PSY 111	General Psychology		_____
PSY 112	General Psychology		_____
PSY 209	Statistics & Research Design I with Lab		_____
PSY 309	Statistics & Research Design II With Lab		_____
PSY 399	Junior Seminar (two credits)		_____
Select 4 Counseling/Clinical Core Courses From Below [1]		**16**	_____
PSY 233	Traditional Psychiatric Disorders		_____
PSY 234	Medical and Developmental Disorders		_____
PSY 304	Theories and Processes of Counseling		_____
PSY 333	Psychological Testing		_____
PSY 294/394/494	Special Topics (must be counseling/ clinical related) [3]		_____
PSY 490	Psychology Internship [4]		_____
Select 2 Counseling/Clinical Lab Courses From Below [1, 2]		**8**	_____
PSY 302	Social and Personality Development W/Lab		_____
or PSY 321	Experimental Social Psychology with Lab		_____

PSY 310	Human Neuropsychology with Lab		_____
PSY 313	Learning & Appl Behavioral Anal. w/ Lab		_____
PSY 320	Health Psychology with Lab		_____
PSY 404	Multicultural Competence with Lab		_____
PSY 433	Child Assessment with Lab		_____
Select 2 Culture and Behavior Courses from Below		**8**	_____
PSY 202	Life-Span Development		_____
PSY 205	Drugs & Behavior		_____
PSY 220	Human Sexuality		_____
PSY 221	Social Psychology		_____
PSY 231	Personality		_____
PSY 294	Special Topics		_____
PSY 323	Industrial/Organizational Psychology		_____
Select 1 Biological Course From Below		**4**	_____
PSY 210	Biopsychology with Lab		_____
PSY 305	Psychopharmacology with Lab		_____
PSY 316	Cognitive Neuroscience with Lab		_____
PSY 317	Princ of Sensation & Perception w/ Lab		_____
PSY 410	Neuroscience Research Methods w/ Lab		_____
Senior Capstone Experience (PSY SCE)		**2-4**	_____
Total Credits		**56-58**	_____

1 **For dual CC and BN concentrators:** Only 1 of the Clinical/Counseling lab courses may be taken and have it count for both concentrations.

2 One must be PSY 310, PSY 404, or PSY 433

3 Students can take 4 credits of PSY 294 (Special Topics in Clinical Counseling) or 2 credits of PSY 294 (Special Topics in Clinical Counseling) plus 2 credits of PSY 240 (Practicing Mindfulness).

4 The internship must be for 4 credits.

Discuss areas of potential interest with your academic advisor. Consider a double major or a minor in Biology, Business Management, Human Development, Public Health, or Sociology.

Major

- Psychology (Experimental) Major (p. 189)
- Psychology Major, Behavioral Neuroscience Concentration (p. 186)
- Psychology Major, Clinical/Counseling Concentration (p. 188)

Minor

- Psychology Minor (p. 191)

Psychology (Experimental) Major

Department of Psychology (p. 181)
Division of Natural Sciences and Mathematics

For broad exposure to many disciplines within psychology, courses in the major emphasize empirical testing of theoretical psychological models. The broad Experimental Psychology major is especially recommended for those students who wish to double major in psychology and another major, or for those who are not interested in the clinical/counseling concentration or the behavioral neuroscience concentration.

Experimental Psychology Major (B.A.) Requirements

For broad exposure to many disciplines within psychology, courses in the major emphasize empirical testing of theoretical psychological models. The broad Experimental Psychology major is especially recommended for those students who wish to double major in psychology and another field or for those who are not interested in the clinical/counseling concentration or the behavioral neuroscience concentration.

Code	Title	Credits	Notes
The Psychology Core		**18**	_____
PSY 111	General Psychology		_____
PSY 112	General Psychology		_____
PSY 209	Statistics & Research Design I with Lab		_____
PSY 309	Statistics & Research Design II With Lab		_____
PSY 399	Junior Seminar (2 credits)		_____
Take 6 Courses From Below [1, 2]		**24**	_____
Experimental:			_____
PSY 202	Life-Span Development		_____
PSY 205	Drugs & Behavior		_____
PSY 220	Human Sexuality		_____
PSY 221	Social Psychology		_____
PSY 231	Personality		_____
PSY 302	Social and Personality Development W/Lab		_____
PSY 321	Experimental Social Psychology with Lab		_____
Applied/Clinical:			_____
PSY 233	Traditional Psychiatric Disorders		_____
PSY 234	Medical and Developmental Disorders		_____
PSY 304	Theories and Processes of Counseling		_____
PSY 310	Human Neuropsychology with Lab		_____
PSY 313	Learning & Appl Behavioral Anal. w/ Lab		_____
PSY 320	Health Psychology with Lab		_____
PSY 323	Industrial/Organizational Psychology		_____
PSY 333	Psychological Testing		_____
PSY 404	Multicultural Competence with Lab		_____
PSY 433	Child Assessment with Lab		_____
PSY 490	Psychology Internship [3]		_____
Biological:			_____
PSY 210	Biopsychology with Lab		_____
PSY 305	Psychopharmacology with Lab		_____
PSY 316	Cognitive Neuroscience with Lab		_____
PSY 317	Princ of Sensation & Perception w/ Lab		_____
PSY 410	Neuroscience Research Methods w/ Lab		_____
Senior Capstone Experience (PSY SCE)		**2-4**	_____
Total Credits		**44-46**	_____

1 Three of these must be laboratory courses and there must be at least one course from each of the three disciplinary areas.

2 4 credits of Special Topics courses (PSY 294 Special Topics, PSY 394 Special Topics) can count toward one of the six required courses. Because topics vary, students must speak with the advisor to see which category (Experimental, Applied/Clinical, Biological) it would fall into.

3 The internship must be for 4 credits.

First-Year and Sophomore Courses

PSY 111 (https://catalog.washcoll.edu/search/?P=PSY%20111) General Psychology and PSY 112 (https://catalog.washcoll.edu/search/?P=PSY%20112) General Psychology, the General Psychology sequence, count toward Social Science distribution requirements. PSY 111 (https://catalog.washcoll.edu/search/?P=PSY%20111) is not a prerequisite for PSY 112 (https://catalog.washcoll.edu/search/?P=PSY%20112); they can be taken in any order. Most 200-level courses have no or limited pre-requisite courses. Students interested in pursuing psychology beyond the introductory sequence should complete PSY 209 (https://catalog.washcoll.edu/search/?P=PSY%20209) Statistics & Research Design I with Lab, by the end of their sophomore year.

Writing in the Major Courses

PSY 309 Statistics & Research Design II With Lab and PSY 399 Junior Seminar) focus on psychological research. Together, these two courses refine reading, writing, and thinking skills necessary for performing research. Written components of these courses are specifically designed to hone students' ability to write in APA style and create succinct research proposals.

Major

- Neuroscience Major (https://catalog.washcoll.edu/catalog/interdisciplinary/neuroscience-major/)
- Psychology (Experimental) Major (p. 189)
- Psychology Major, Behavioral Neuroscience Concentration (p. 186)
- Psychology Major, Clinical/Counseling Concentration (p. 188)

Minor

- Psychology Minor (p. 191)
- Public Health Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/public-health-minor/)
- School Counseling Minor (https://catalog.washcoll.edu/catalog/departments-programs/education/school-counseling-minor/)
- Social Welfare Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/social-welfare-minor/)

Psychology Minor

Department of Psychology (p. 181)
Division of Natural Sciences and Mathematics

Psychology Minor Requirements

The following courses fulfill the requirements for a minor in psychology. Four of the six courses must have the PSY prefix and be completed at Washington College.

Code	Title	Credits	Notes
Introductory Core		**8**	_____
PSY 111	General Psychology		_____
PSY 112	General Psychology		_____
Select 1 Statistics Courses From Below		**4**	_____
BUS 109	Managerial Statistics		_____
ECN 215	Data Analysis I		_____
MAT 109	Statistical Inference & Data Analysis I		_____
PSY 209	Statistics & Research Design I with Lab		_____
Select 1 Psychology Lab Course From Below [1]		**4**	_____
PSY 210	Biopsychology with Lab		_____
PSY 302	Social and Personality Development W/Lab		_____
PSY 305	Psychopharmacology with Lab		_____
PSY 310	Human Neuropsychology with Lab		_____
PSY 313	Learning & Appl Behavioral Anal. w/ Lab		_____
PSY 316	Cognitive Neuroscience with Lab		_____
PSY 317	Princ of Sensation & Perception w/ Lab		_____
PSY 320	Health Psychology with Lab		_____

PSY 321	Experimental Social Psychology with Lab		_____
PSY 404	Multicultural Competence with Lab		_____
PSY 410	Neuroscience Research Methods w/ Lab		_____
PSY 433	Child Assessment with Lab		_____
Psychology Electives [2]		**8**	_____
PSY course not already taken			_____
PSY course not already taken			_____
Total Credits		**24**	_____

1 Not including PSY 209 Statistics & Research Design I with Lab or PSY 309 Statistics & Research Design II With LabPSY 309 Statistics & Research Design II With Lab.

2 These can be non-lab or lab courses, including PSY 309 Statistics & Research Design II With Lab.

Major

- Neuroscience Major (https://catalog.washcoll.edu/catalog/interdisciplinary/neuroscience-major/)
- Psychology (Experimental) Major (p. 189)
- Psychology Major, Behavioral Neuroscience Concentration (p. 186)
- Psychology Major, Clinical/Counseling Concentration (p. 188)

Minor

- Psychology Minor (p. 191)

Sociology

Division of Social Sciences

The Department of Sociology offers a major and a minor in sociology. Sociology courses are also foundational for the interdisciplinary minors in Public Health, Social Welfare, and in Justice, Law and Society.

Sociology is the study of human social interaction. Courses in sociology help students gain a general understanding of human society, understand how individuals' lives are shaped by social forces, develop theoretical and analytic skills appropriate for graduate or professional school programs, prepare for careers in social service or allied fields, and acquire theoretical and practical knowledge for careers in business and industry. Recent graduates have gone on to professional or graduate schools in sociology, law, criminology, social work, and education. Graduates have found employment in those fields as well as counseling, corrections, law enforcement, the armed services, banking, public relations, human resources management, and other corporate and nonprofit positions.

- Sociology Major (p. 197)
- Sociology Minor (p. 198)

Rachel Durso, Chair
Erin Anderson
Nicholas Garcia
Elizabeth Yost

SOC SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience in sociology is a significant piece of independent research, generally in the form of a thesis, undertaken by each senior with the guidance and mentorship of a department faculty member. The SCE integrates the diverse learning that students have accomplished throughout their undergraduate years, not only within the major, but also across the liberal arts and sciences. The range both of topics and methods is broad. The Capstone Experience is based on a topic of the student's choosing, with the guidance of a faculty member to assure that it is both significant and capable of completion in the time available. Work on the Sociology Capstone is supported by some of the work of the Sociology Senior Seminar, SOC 491, taken during the fall semester. A more extensive description of the SCE is available from the department chair. Discussion of a joint thesis, undertaken by a student with two majors, can be found in the section Double Majors, Minors, and Concentrations/Specializations within the Academic Program portion of this Catalog.
Term(s) Offered: All Terms, All Years

SOC 101 Intro to Sociology 4 Credits
Introduction to basic concepts and theories in sociology concerning the nature of society, culture, and personality. Consideration of social processes, groups, and institutions found in modern American society. Specific topics include deviance and social control, social networks, bureaucracy, families, education, race, social class and gender.
Term(s) Offered: All Terms, All Years

SOC 171 Introduction to Public Health 4 Credits
This course introduces the major concepts, tools, and debates of Public Health through an exploration of issues in this interdisciplinary field including health inequities, historical and ongoing strategies for control of communicable and noncommunicable diseases, and connections between social structures and the distribution of disease from a Public Health perspective. Students acquire basic knowledge, attitudes, and skills that are important for Public Health practice. This course is one of the two required courses for the Public Health minor.
Cross-listed as: SOC 171/PHS 171
Term(s) Offered: Fall, All Years

SOC 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Graded A-F and Pass/Fail.
Term(s) Offered: All Terms, All Years

SOC 212 Sociology of the Family 4 Credits
This course studies historical aspects of family formation and function as well as contemporary patterns of the institution and individual experiences. Theory and research dealing with courtship, marriage, children and parenting, and disorganization of the modern family is examined.
Requisites: Pre-req: SOC 101
Term(s) Offered: Fall, Odd Years

SOC 213 Sociology of Gender 4 Credits
Course examines sex, gender, sexuality, and their intersections with other statuses. The effects of gender on individuals' statuses and opportunity structures is considered as are the impacts of interactions and institutional patterns. Focus on contemporary American responses to sex and gender.
Requisites: Pre-req: SOC 101
Term(s) Offered: Spring, All Years

SOC 221 Social Inequalities 4 Credits
This course examines the structure of social stratification in the U.S. from various perspectives and from micro- and macro-levels of analysis. This course is based on the seven statuses (race, social class, gender, physical/mental ability, religion, sexual orientation and age) that most significantly determine who gets what in American society. Historical and contemporary examples highlighted in readings and discussion range from medicine, law, education, the family, the military, housing, food security, and other.
Requisites: Pre-req: SOC 101
Term(s) Offered: Spring, All Years

SOC 240 Criminology 4 Credits
An overview of how scholars of sociology and criminology analyze and understand the frequency of crime, criminal patterns, varieties of criminal offending, characteristics of criminal offenders, and theories of criminal offending. This course covers the core concepts related to criminological study, the nature and frequency of crime, patterns of criminal offending, victims, public fear of crime, criminological theory, and the critical evaluation of different types of crimes including violent, economic, public disorder, and terrorism.
Requisites: Pre-req: SOC 101
Term(s) Offered: All Terms, All Years

SOC 262 Self and Society 4 Credits
Examines reciprocal relationships of society and the individual, and of the nature of face-to-face human interaction. Introduces key concepts, theories, and methodologies of sociological social psychology. Students read, analyze, and perform research that explores the ways in which society affects individuals and groups; how individuals and groups, reciprocally, influence society; how individuals interpret and negotiate the social world; and the influence individuals and groups have on others.
Requisites: Pre-req: SOC 101
Term(s) Offered: Fall, Odd Years

SOC 271 Global Health Disparities 4 Credits
Global Health Disparities offers a cross cultural comparative analysis of the definitions of health and health care delivery, as well as an overview of specific chronic and acute health issues. The course addresses global health broadly and focuses on global health disparity. We analyze disparity with a multidisciplinary perspective, evaluating the political, economic, and sociocultural aspects of health inequality. This course is one of the two required courses for the Public Health minor.
Requisites: Pre-req: SOC 171
Cross-listed as: SOC 271/PHS 271
Term(s) Offered: Spring, All Years

SOC 290 Sociology Internship 4 Credits
The department encourages students with prior courses in sociology to develop, with a member of the department, internship opportunities. Students interested in pursuing internships should read Internships and Other opportunities, in this Catalog. In addition to the requirements listed there, interns should expect to write a paper describing their experiences, as relevant to sociology, and connected to a reading list to be developed and agreed upon by the intern and the supervising faculty member. Prerequisite: Sociology 101 and permission of the department chair. 45 hours are required per credit.
Requisites: Pre-req: SOC 101
Term(s) Offered: All Terms, All Years

SOC 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Graded A-F and Pass/Fail.
Requisites: Pre-req: SOC 101
Term(s) Offered: All Terms, All Years

SOC 295 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: Summer, All Years

SOC 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

SOC 297 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours are required per credit.
Requisites: Pre-req: SOC 101 . Take two additional Sociology courses.
Term(s) Offered: All Terms, All Years

SOC 303 Social Theory 4 Credits
The study of the leading social thinkers from 1800 to the present and the associated theoretical perspectives with an emphasis on contemporary applications of sociological theory.
Requisites: Pre-req: SOC 101 and one additional SOC course
Term(s) Offered: Spring, All Years

SOC 306 Research Methods in Sociology 4 Credits
Introduction to the methods used in studying society. Selection of research topic, experimental design, sampling, methods of data collection, statistical analysis of findings.
Requisites: Pre-req: SOC 101 ; Pre or co-req: MAT 109, PSY 209, or BUS 109
Term(s) Offered: Fall, All Years

SOC 327 Washington Center Internship 12 Credits
Term(s) Offered: All Terms, All Years

SOC 328 Washington Center Seminar 3 Credits
Washington Center Interns participate in an evening seminar selected from a variety of topics offered during the semester. STudents engage in class discussion and may also research seminar topics, prepare written asignments, and take examinarions. Required of and limited to students enrolled in SOC 327. Three credits.
Term(s) Offered: All Terms, All Years

SOC 329 Washington Center Forum 1 Credit
Washington Center Interns participate in lectures, site visits, small group discussions, briefings, and other required events designed to help them understand the connection between their academic and professional goals and the special educational opportunities available through living and working in Washington, DC. Evaluations of these experiences are included in the student portfolio. Required of and limited to students enrolled in SOC 327. One credit.
Term(s) Offered: All Terms, All Years

SOC 340 Victimology 4 Credits
Victimology broadens criminological scholarship by focusing on the vitims, rather that the perpetrators of crime. Students are introduced to the multifaceted issue of victimization in the U.S. including victimization theories, trends in criminal victimization, treatment of victims in the criminal justice system, victim support issues, and the victimization of certain subgroups in the population.
Requisites: Pre-req: SOC 240
Term(s) Offered: Spring, Even Years

SOC 341 Variant Behavior 4 Credits
This course explores variant behavior in a variety of contexts including crime, body modifications, gender and sexual identity, and health behaviors. We regard deviance not as bad behavior, but as behavior contrary to norms. Deviance is examined as a conceptual category that is socially constructed by interactions and reactions to certain types of behavior be they biological, social, or both. Students analyze the processes and social agencies that define, detect, and sanction variant behavior over time.
Requisites: Pre-req: SOC 101 and one additional SOC course
Term(s) Offered: Fall, Even Years

SOC 342 Sociology of Punishment 4 Credits
This course examines four major questions associated with punishment in the United States: 1.) Why do we punish? 2.) Who do we punish? 3.) How do we punish? 4.) What are the consequences of punishment? To answer these questions, students explore ideas related to sociology, criminology philosophy, law, history, to assess the ethics and utility of punishment and the problems punishment creates for society and offenders.
Requisites: Pre-req: SOC 101 . SOC 240 or SOC 221
Term(s) Offered: Spring, Odd Years

SOC 343 Women, Crime & the Crim. Justice System 4 Credits
This course places women at the forefront when examining all facets of crime, victimization, and the institutions that handle both victims and offenders. To fully explore the issue, this course is split into four units that explore women as victims, women as perpetrators, women who are in custody of the criminal justice system, and women who work in the criminal justice system.
Requisites: Pre-req: SOC 101 . SOC 213, SOC 221, or SOC 240
Term(s) Offered: Fall, Odd Years

SOC 344 Sociology of Gangs 4 Credits
This course explores a broad range of topics related to gang activity in the United States and abroad. Topics include: historical, theoretical and socioeconomic processes leading to gang formation, gang activities and typologies, gang membership and organization, gender roles within gangs, and social problems associated with gangs.
Requisites: Pre-req: SOC 101 . SOC 221 or SOC 240
Term(s) Offered: Spring, Even Years

SOC 347 Juvenile Delinq & Social Welfr 4 Credits
A sociological exploration of youth, crime, and the juvenile justice system in the United States. A wide variety of topics are covered, including the history, philosophy and contemporary context of the juvenile court, shifting patterns and trends relative to juvenile offending and crime, sociological theories accounting for involvement and deterrence from juvenile delinquency, the application of the rule of law to juvenile offending, and the effectiveness of rehabilitative programming in response to youthful offenders. The course covers the history of adolescence, youth culture, explanations for delinquency, the effects of race, class, and gender on delinquency, the relationship between institutions, particularly family and school, and delinquency and the interaction between juveniles and the criminal justice system.
Requisites: Pre-req: SOC 101
Term(s) Offered: Spring, Odd Years

SOC 351 Sociology of Mental Health 4 Credits
This course will apply the sociological perspective to various topics regarding mental health and illness. The course will cover topics such as the social construction of mental illness, the social epidemiology and epidemiology of mental illness, labeling and stigma of those with a mental illness, and mental health policy/treatment.
Requisites: Pre-req: SOC 101
Term(s) Offered: Spring, Odd Years

SOC 370 Environmental Sociology 4 Credits
This class explores the human dimension of ecosystem science. We use environmental sociology as a framework for understanding the dynamic relationship between humans and the environment, trends in environmental policy and public opinion, environmentalism as a social movement, human-induced environmental decline, and environmental justice. Students explore how changes in ecosystems influence the achievability and sustainability of societal values such as security from natural disasters, health, good social relations, and freedom to pursue personal and cultural interests.
Requisites: Pre-req: SOC 101 and one additional SOC course
Cross-listed as: SOC 370/ENV 370
Term(s) Offered: Spring, Even Years

SOC 382 Introduction to Social Welfare 4 Credits
This course offers students a broad understanding of contemporary social problems and the social welfare policies, programs and services designed to address them. The history, individual and social consequences, and programmatic approaches to the amelioration of each social problem area is explored. A primary goal of this course is to introduce students to the profession of social work: its fields of practice, values and ethics. This course integrates core social work competencies and has particular relevance to students considering practice, administrative or policy careers in the helping professions.
Requisites: Pre-req: SOC 101 or PSY 112
Cross-listed as: PSY 382/SOC 382
Term(s) Offered: Spring, All Years

SOC 390 Sociology Internship 4 Credits
The department encourages students with prior courses in sociology to develop, with a member of the department, internship opportunities. Students interested in pursuing internships should read Internships and Other opportunities, in this Catalog. In addition to the requirements listed there, interns should expect to write a paper describing their experiences, as relevant to sociology, and connected to a reading list to be developed and agreed upon by the intern and the supervising faculty member. Prerequisite: Sociology 101 and permission of the department chair. 45 hours are required per credit.
Requisites: Pre-req: SOC 101
Term(s) Offered: All Terms, All Years

SOC 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Graded A-F and Pass/Fail.
Term(s) Offered: All Terms, All Years

SOC 397 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours are required per credit.
Requisites: Pre-req: SOC 101 and two additional SOC courses
Term(s) Offered: All Terms, All Years

SOC 413 Work and Gender 4 Credits
This course examines the expectations, opportunities, and rewards as well as the limitations that men and women face in paid and unpaid labor. The historical contexts of work, the intersection of race and gender, the balancing of paid and unpaid labor, and global patterns of work with respect to gender are studied.
Requisites: Pre-req: SOC 101 and one additional SOC course
Term(s) Offered: Fall, Odd Years

SOC 451 Sociology of Aging 4 Credits
This course evaluates the social, psychological, and biological changes that occur with aging and how these changes affect interactions between older people and their family, friends, home, community, and society. Special attention is given to the sociological aspects of aging and the impact the increasing older adult population has on the US today. The course takes classroom learning and apply it to real world experiences through a significant service-learning project. Students should be prepared to spend 20 hours in a community-based project during the course of the semester.
Requisites: Pre-req: SOC 101
Term(s) Offered: Spring, Even Years

SOC 462 Sociology of the Body 4 Credits
An examination of bodies as a source of power, repression, and subjugation, a medium for expression, and an entity to be controlled. This course investigates how the body is influenced by social forces, the meanings attached to the body and particular body parts, the ways in which we experience our own bodies in contemporary society, and the significance of the body for the discipline of sociology. Includes study of characteristics such as body size, physical ability, race, and sex as well as various forms of elected or forced body modification.
Requisites: Pre-req: SOC 101 and one additional SOC course
Term(s) Offered: Fall, Odd Years

SOC 483 Field Experience in Social Welfare 4 Credits
A study of the organization and operation of social agencies. Field experience in welfare work under professional supervision.
Requisites: Pre-req: SOC 382
Term(s) Offered: Fall, All Years

SOC 484 Field Experience in Social Welfare 4 Credits
A study of the organization and operation of social agencies. Field experience in welfare work under professional supervision.
Requisites: Pre-req: SOC 382
Term(s) Offered: Spring, All Years

SOC 490 Sociology Internship 2-4 Credits
The department encourages students with prior courses in sociology to develop, with a member of the department, internship opportunities. Students interested in pursuing internships should read Internships and Other opportunities, in this Catalog. In addition to the requirements listed there, interns should expect to write a paper describing their experiences, as relevant to sociology, and connected to a reading list to be developed and agreed upon by the intern and the supervising faculty member. Prerequisite: Sociology 101 and permission of the department chair. 45 hours are required per credit.
Requisites: Pre-req: SOC 101
Term(s) Offered: All Terms, All Years

SOC 491 Senior Seminar 0 Credits
Students will meet for 75 minutes each week in the fall semester of their senior year for general guidance in the Capstone process, for integration of the undergraduate educational experience, and for guidance in the transition from undergraduate study to employment and to post-BA academic work. Participation in the Senior Seminar is a requirement of the major and counts towards the overall SCE grade.
Term(s) Offered: Fall, All Years

SOC 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Graded A-F and Pass/Fail.
Term(s) Offered: All Terms, All Years

SOC 496 Off-Campus Study 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

SOC 497 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours are required per credit.
Requisites: Pre-req: SOC 101 and two additional courses in Sociology.
Term(s) Offered: All Terms, All Years

Sociology Major

Department of Sociology (p. 192)
Division of Social Sciences

The Department of Sociology offers a major and a minor in sociology. Sociology courses are also foundational for the interdisciplinary minors in Public Health, Social Welfare, and in Justice, Law and Society. Sociology is the study of human social interaction. Courses in sociology help students gain a general understanding of human society, understand how individuals' lives are shaped by social forces, develop theoretical and analytic skills appropriate for graduate or professional school programs, prepare for careers in social service or allied fields, and acquire theoretical and practical knowledge for careers in business and industry.

Recent graduates have gone on to professional or graduate schools in sociology, law, criminology, social work, and education. Graduates have found employment in those fields as well as counseling, corrections, law enforcement, the armed services, banking, public relations, human resources management, and other corporate and nonprofit positions.

Sociology Major Requirements

Code	Title	Credits	Notes
Course Courses		**12**	_____
SOC 101	Intro to Sociology		_____
SOC 303	Social Theory		_____
SOC 306	Research Methods in Sociology [1]		_____
Select 1 Course From Below		**4**	_____
BUS 109	Managerial Statistics		_____
MAT 109	Statistical Inference & Data Analysis I		_____
PSY 209	Statistics & Research Design I with Lab		_____
Select 5 Courses From Below		**20**	_____
SOC 171	Introduction to Public Health		_____
SOC 194 & SOC 294 & SOC 394 & SOC 494	Special Topics and Special Topics and Special Topics and Special Topics		_____
SOC 212	Sociology of the Family		_____
SOC 213	Sociology of Gender		_____
SOC 221	Social Inequalities		_____
SOC 240	Criminology		_____
SOC 262	Self and Society		_____
SOC 271	Global Health Disparities		_____
SOC 290 & SOC 390 & SOC 490	Sociology Internship and Sociology Internship and Sociology Internship		_____
SOC 295	On Campus Research		_____

SOC 296	Off-Campus Research		_____
SOC 297 & SOC 397 & SOC 497	Independent Study and Independent Study and Independent Study		_____
SOC 327	Washington Center Internship		_____
SOC 328	Washington Center Seminar		_____
SOC 329	Washington Center Forum		_____
SOC 340	Victimology		_____
SOC 341	Variant Behavior		_____
SOC 342	Sociology of Punishment		_____
SOC 343	Women, Crime & the Crim. Justice System		_____
SOC 344	Sociology of Gangs		_____
SOC 347	Juvenile Delinq & Social Welfr		_____
SOC 370	Environmental Sociology		_____
SOC 382	Introduction to Social Welfare		_____
SOC 413	Work and Gender		_____
SOC 462	Sociology of the Body		_____
Senior Seminar		**0**	**_____**
SOC 491	Senior Seminar		_____
Senior Capstone Experience (SOC SCE)		**2-4**	**_____**
Total Credits		**38-40**	**_____**

[1] Students who double major in sociology and psychology and complete a research methods course or sequence in psychology may omit SOC 306 Research Methods in Sociology but must then take a sixth sociology elective.

Major

- Sociology Major (p. 197)

Minor

- Justice, Law and Society Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/justice-law-society-minor/)
- Public Health Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/public-health-minor/)
- Social Welfare Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/social-welfare-minor/)
- Sociology Minor (p. 198)

Sociology Minor

Department of Sociology (p. 192)
Division of Social Sciences

Sociology Minor Requirements

Code	Title	Credits	Notes
Course Courses		**12**	**_____**
SOC 101	Intro to Sociology		_____
SOC 303	Social Theory		_____
SOC 306	Research Methods in Sociology [1]		_____
Select 1 Course From Below		**4**	**_____**
MAT 109	Statistical Inference & Data Analysis I		_____
BUS 109	Managerial Statistics		_____
PSY 209	Statistics & Research Design I with Lab		_____
Select 2 Courses From Below		**8**	**_____**
SOC 171	Introduction to Public Health		_____

SOC 194	Special Topics		_____
SOC 212	Sociology of the Family		_____
SOC 213	Sociology of Gender		_____
SOC 221	Social Inequalities		_____
SOC 240	Criminology		_____
SOC 262	Self and Society		_____
SOC 271	Global Health Disparities		_____
SOC 290	Sociology Internship		_____
SOC 294	Special Topics		_____
SOC 295	On Campus Research		_____
SOC 296	Off-Campus Research		_____
SOC 297	Independent Study		_____
SOC 327	Washington Center Internship		_____
SOC 328	Washington Center Seminar		_____
SOC 329	Washington Center Forum		_____
SOC 340	Victimology		_____
SOC 341	Variant Behavior		_____
SOC 342	Sociology of Punishment		_____
SOC 343	Women, Crime & the Crim. Justice System		_____
SOC 344	Sociology of Gangs		_____
SOC 347	Juvenile Delinq & Social Welfr		_____
SOC 370	Environmental Sociology		_____
SOC 382	Introduction to Social Welfare		_____
SOC 390	Sociology Internship		_____
SOC 394	Special Topics		_____
SOC 397	Independent Study		_____
SOC 413	Work and Gender		_____
SOC 462	Sociology of the Body		_____
SOC 483	Field Experience in Social Welfare		_____
SOC 484	Field Experience in Social Welfare		_____
SOC 490	Sociology Internship		_____
SOC 494	Special Topics		_____
SOC 496	Off-Campus Study		_____
SOC 497	Independent Study		_____
Total Credits		**24**	_____

[1] Students with a major in psychology and who complete a research methods course or sequence in psychology may omit SOC 306 Research Methods in Sociology but must then take a third sociology elective.

Major

- Sociology Major (p. 197)

Minor

- Justice, Law and Society Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/justice-law-society-minor/)
- Public Health Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/public-health-minor/)
- Social Welfare Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/social-welfare-minor/)
- Sociology Minor (p. 198)

Theatre and Dance

Division of Humanities And Fine Arts

The Department of Theatre & Dance embraces the principles of the liberal arts. To that end, we emphasize—both within and beyond the classroom—the full breadth of such an education. Our students routinely double major and minor, pairing Theatre & Dance with disciplines from English to Environmental Studies, and with interdisciplinary minors like Arts Management & Entrepreneurship.

The Theatre program provides a broad base of theatrical knowledge through introductory and advanced courses in acting, directing, design, technical production, and theatre history. We also offer recurring electives in areas such as playwriting, dramaturgy, adaptation, improvisation, stage management, and arts administration.

- Dance Minor (p. 208)
- Theatre Major (p. 209)
- Theatre Minor (p. 210)

Dale Daigle, Chair
Nancy Cross
Renee Gerardo
Polly Sommerfeld
LaRonika Thomas
Abbey Wark

Theatre

THE SCE Senior Capstone Experience 2-4 Credits
A student may complete the Theatre SCE in one of several ways: a traditional research thesis in the areas of theatrical criticism, theory, or history; a playwriting thesis in which the student writes, workshops, and produces a rehearsed reading of a full-length play; a production thesis in which the student serves as dramaturg, stage manager, designer, performer, or director of a departmental production. Students may also propose alternative projects not listed above, to be developed and approved in collaboration with the faculty. Students are strongly encouraged to collaborate on their SCEs, either by folding multiple SCEs into a single student-produced show (with all SCE students equitably sharing the duties and title of producer) or by completing the SCE as part of a faculty-directed production.
Term(s) Offered: All Terms, All Years

THE 158 Dramaturgy 4 Credits
Analysis and discussion of the theoretical and practical aspects of dramaturgy, with particular emphasis placed on script analysis and historical research.
Term(s) Offered: All Terms, All Years

THE 181 Theatre Practicum: Crew 1 Credit
This course provides an opportunity for student technicians (lighting/sound/projection operators and backstage/wardrobe/run crew) of departmental theatre & dance productions to receive credit for their work. Technicians typically must participate in load-in, technical rehearsals, performances, and strike; specific duties are determined based on the needs of each production. Technicians should expect to devote a total of 20-50 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. Student technicians are automatically enrolled (either for credit or as auditors) after their production closes. Practicum courses may be repeated for credit (1,2) credit(s).
Cross-listed as: THE 181/DAN 181
Term(s) Offered: All Terms, All Years

THE 182 Theatre Practicum: Performance 2 Credits
This course provides an opportunity for student performers in departmental theatre & dance productions to receive credit for their work. Performers typically must participate in auditions, callbacks, rehearsals, load-in, technical rehearsals, performances, and strike; specific duties are determined based on the needs of each production. Performers should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: All Terms, All Years

THE 183 Theatre Practicum: Design 2 Credits
This course provides an opportunity for student designers of departmental theatre & dance productions to receive credit for their work. Designers typically must participate in a production orientation workshop (scenery, props, costumes, lighting, or sound), a design meeting with the departmental faculty, production meetings, load-in, technical rehearsals, and strike; specific duties are determined based on the needs of the production. Designers should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: All Terms, All Years

THE 184 Theatre Practicum: Dramaturgy 2 Credits
This course provides an opportunity for student dramaturgs of departmental theatre & dance productions to receive credit for their work. Students in these positions typically must participate in production meetings, rehearsals, load-in, technical rehearsals, and strike; specific duties are determined based on the needs of the production. Students in these positions should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: All Terms, All Years

THE 185 Theatre Practicum: Assistant Stage Mgmt 2 Credits
This course provides an opportunity for student assistant stage managers of departmental theatre productions to receive credit for their work. Assistant stage managers typically must participate in production meetings, rehearsals, load-in, technical rehearsals, performances, and strike; specific duties are determined based on the needs of the production. Assistant stage managers should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: All Terms, All Years

THE 186 Theatre Practicum: Choreography 2 Credits
This course provides an opportunity for student choreographers (movement/dance/fight) of departmental theatre productions to receive credit for their work. Students in these positions typically must participate in production meetings, rehearsals, load-in, technical rehearsals, and strike; specific duties are determined based on the needs of the production. Students in these positions should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: All Terms, All Years

THE 187 Theatre Practicum: Assistant Directing 2 Credits
This course provides an opportunity for student assistant directors of departmental theatre & dance productions to receive credit for their work. Students in these positions typically must participate in production meetings, rehearsals, load-in, technical rehearsals, and strike; specific duties are determined based on the needs of the production. Students in these positions should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: All Terms, All Years

THE 194 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

THE 201 Drama, Stage, and Society I 4 Credits
This theatre history course examines the development of (primarily) Western drama against a backdrop of historical and social change. Students read a variety of plays and discuss theatre history, dramatic theory, and criticism representing the major currents in (primarily) Western theatre from its origins to the 18th century CE. We frequently employ one or more of the following lenses or viewpoints to focus our lectures and discussions: the physical theatre (how the material artifacts of theater-buildings, documents, etc.-tell the story of theatre history and influence dramaturgy); the social theatre (how the theatre relates to its social context, including consideration of the audience); and the performing theatre (the plays themselves and how they were/are performed). Students are encouraged to draw connections between the material we cover in this course and the many intellectual and aesthetic parallels to be found in contemporaneous trends in history, philosophy, literature, and the arts.
Cross-listed as: The*201 The*202
Term(s) Offered: Fall, All Years

THE 203 Drama, Stage, and Society II 4 Credits
This theatre history course examines the development of (primarily) Western drama against a backdrop of historical and social change. Students read a variety of plays and discuss theatre history, dramatic theory, and criticism representing the major currents in (primarily) Western theatre from the 18th century to 1992. We frequently employ one or more of the following lenses or viewpoints to focus our lectures and discussions: the physical theatre (how the material artifacts of theater-buildings, documents, etc.-tell the story of theatre history and influence dramaturgy); the social theatre (how the theatre relates to its social context, including consideration of the audience); and the performing theatre (the plays themselves and how they were/are performed). Students are encouraged to draw connections between the material we cover in this course and the many intellectual and aesthetic parallels to be found in contemporaneous trends in history, philosophy, literature, and the arts.
Term(s) Offered: Spring, Even Years

THE 205 Shakespeare I 4 Credits
This course examines some of Shakespeare's best known earlier plays (those written before the death of Queen Elizabeth in 1603) both in the context of early modern English culture and as play scripts/performances. Using films and live productions it considers the plays as they have been and could be interpreted for performance. This class examines a number of these exciting works through a variety of lenses from gender to performance history.
Cross-listed as: THE 205/ENG 205
Term(s) Offered: Fall, All Years

THE 206 Shakespeare II 4 Credits
This course examines some of Shakespeare's best known later plays (those written after the death of Queen Elizabeth in 1603) both in the context of early modern English culture and as play scripts/performances. Shakespeare's later plays are complicated portraits of people and societies going through incredible change. This class will examine a number of these exciting works through a variety of lenses from gender to performance history.
Cross-listed as: ENG 206/THE 206
Term(s) Offered: Spring, All Years

THE 211 Introduction to Acting 4 Credits
Analysis and application of basic acting techniques with a concentration on scene study and character analysis.
Term(s) Offered: All Terms, All Years

THE 221 Introduction to Directing 4 Credits
Study of the basic principles and practices of directing, including interpretation, structural analysis, and investigation of basic staging techniques.
Term(s) Offered: Fall, All Years

THE 231 Stagecraft 4 Credits
In this course, students engage in hands-on investigation of the tools, methods, and materials used in the theatrical production process, including scenic & props construction, scenic painting, rigging, scale drafting, shop safety, and lighting, sound, & projections technology. Required laboratory hours will be arranged in consultation with the instructor.
Term(s) Offered: Fall, All Years

THE 233 Creative Process 4 Credits
This course gives an overview of major topics in creativity: the pleasures and pitfalls as well as effective strategies to use in creative work. Each week we tackle another issue and explore ways to approach creativity in the broadest sense. At the same time students work on self-directed projects throughout the semester (largely outside of class time), submit weekly progress updates, and periodically share with the class. By the end of the semester students have a range of tools and hands-on experiences to return to again and again in their future creative work. Prerequisite: One course of Studio Art, Music, Theatre, Dance, or Creative Writing, or permission of the instructor.
Requisites: Pre-req: One course of Studio Art, Music, Theatre, Dance, or
Cross-listed as: Art 277/MUS 234/THE 233
Term(s) Offered: Spring, All Years

THE 241 Introduction to Theatrical Design 4 Credits
This course offers a broad look at all aspects of theatrical design, including scenery, properties, costume, lighting, and sound, with an emphasis on inter-disciplinary skills such as close reading (of texts and images), research and clear communication (written, visual and aural). Students learn to approach theatrical questions from a variety of angles, and develop a basic understanding of all design elements and how they fit together.
Term(s) Offered: All Terms, All Years

THE 285 Adv Theatre Practicum: Stage Management 4 Credits
This course provides an opportunity for student stage managers of departmental theatre & dance productions to receive credit for their work. Stage managers typically must participate in weekly roundtable discussions with the faculty, auditions, callbacks, production meetings, rehearsals, load-in, technical rehearsals, performances, and strike; specific duties are determined based on the needs of the production. Stage managers should expect to devote a total of 120-200 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s), and will be given an opportunity to request credit by contacting the instructor.
Requisites: Pre-req: THE 185 or THE 371
Term(s) Offered: All Terms, All Years

THE 287 Theater Practicum: Advanced Directing 4 Credits
This course provides an opportunity for student directors of departmental theatre & dance productions to receive credit for their work. Students in these positions typically must participate in production meetings, rehearsals, load-in, technical rehearsals, and strike; specific duties are determined based on the needs of the production. Students in these positions should expect to devote a total of 120-200 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor.
Requisites: Pre-req: THE 187, THE 221 or THE 321
Term(s) Offered: All Terms, All Years

THE 290 Theatre Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

THE 294 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

THE 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

THE 306 American Musical Theater 4 Credits
The study of musical theater in America from the turn of the century to the present with emphasis on the form itself and its history. The course explores the structure of the musical and the dramatic functions of score, lyrics, and libretto as well as the political, societal, musical, and theatrical reasons for changes in the form.
Term(s) Offered: Fall, All Years

THE 311 Advanced Acting 4 Credits
Using varying texts and performance styles, this course builds upon the ideas and skills of Introduction to Acting, with a focus on incorporating characterization and given circumstances with scene study. Students employ action-based techniques to determine their characters' objectives and to explore the tactics they use to overcome obstacles and achieve their goals. Performance texts and styles vary by semester; details will be posted before registration. Past offerings have included: Shakespeare, Contemporary Styles, Meisner, and Acting for the Camera.
Requisites: Pre or co-req: THE 211
Term(s) Offered: All Terms, All Years

THE 317 Theatrical Improvisation 4 Credits
The course examines the history, theory, and practice of theatrical improvisation as practiced in the United States and Canada since 1950.
Requisites: Pre or co-req: THE 211
Term(s) Offered: Spring, Odd Years

THE 321 Advanced Directing 4 Credits
This course will build upon the concepts initially explored in Intro Directing. Through discussion, exercises, and scene work, students will delve deeper into the craft of directing. Topics may include leadership approaches, collaboration with actors / designers / stage managers, text analysis, and exploration of different theatrical styles.
Requisites: Pre-req: THE 187 or THE 221
Term(s) Offered: Spring, All Years

THE 351 Introduction to Playwriting 4 Credits
Analysis and practical application of techniques and styles employed in writing for the stage.
Cross-listed as: ENG 351/THE 351
Term(s) Offered: Fall, All Years

THE 358 Script Analysis & Dramaturgy 4 Credits
An introduction to the methodologies of script analysis, as well as the theoretical and practical aspects of dramaturgy. In this course, students strengthen their communication skills by articulating their ideas about plays and theatre productions through the creation of short articles and exercises, in-class presentations, and research papers, examining topics such as choosing plays for a theatre season, new play development, contextual research and its application in the rehearsal room, and audience engagement.
Term(s) Offered: All Terms, All Years

THE 361 Adaptation 4 Credits
This course explores the theory and practice of adapting non-dramatic literature for the stage. Students examine the form through writing and staging short story adaptations, whose size and scope allow students to learn and explore various approaches to this kind of theatrical storytelling. The course provides students with a strong introduction to the theoretical and critical body of knowledge in the area of adaptation of literature. In addition, students develop skills in acting, directing, writing, and dramaturgy.
Term(s) Offered: Fall, Odd Years

THE 371 Stage Management 4 Credits
This course provides a thorough exploration of the roles and duties of the theatrical stage manager, from pre-production through closing night and beyond. Using a mix of readings, discussion, paperwork assignments, and lab activities, students develop both hard skills (such as document design, scheduling, and preparedness) and soft skills (such as communication, leadership, management, and collaboration). By the end of the semester, students will be well prepared to stage manage a fully-produced show. This course has no curricular prerequisite, but requires a baseline understanding of the rehearsal and production process; accordingly, enrolled students should have some experience working in the theatre (as an actor, designer, crew member, etc.).
Term(s) Offered: Fall, Non Conforming

THE 375 Arts Administration 4 Credits
This course explores various aspects of leadership, management, and entrepreneurship for the visual and performing arts. Students learn how arts organizations define themselves, make decisions, and plan for the future. Topics may include leadership & governance, mission & strategy, program planning & evaluation, intellectual property & contracting, marketing & public relations, and/or budgeting & fundraising. This course requires a baseline interest in and understanding of the arts.
Cross-listed as: ART 375/BUS 375/MUS375/THE375
Term(s) Offered: Spring, Odd Years

THE 390 Theatre Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.

THE 391 Junior Seminar 4 Credits
The course prepares theatre majors for the SCE through script analysis, critical thinking, synthesis of textual and performance analysis, research, readings, discussion, writing, and engagement with guest artists. Over the semester, students develop stronger oral and written communication skills, develop the leadership and management skills necessary for effective creative collaboration, and expand their own imaginative tools and resources. Students spend part of the semester writing and revising chapters for the written SCE Production Book. (Learning objectives may vary slightly from student to student, depending on the needs of each SCE project.) This course is required for all theatre majors, and must be taken in the spring of the junior year.
Cross-listed as: THE 391
Term(s) Offered: Spring, All Years

THE 394 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

THE 397 Theatre Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

THE 401 Dramatic Theory 4 Credits
Throughout history, thinkers have been variously excited, enraged, bothered or bored by theater. Through the rigorous study of the writings and historical context of the major thinkers in the evolution of theater (from Aristotle to Ehn), students come to a greater understanding of the various changes, permutations and responses to theater in the Western World.
Term(s) Offered: Other, Non Conforming

THE 490 Theatre Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

THE 494 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

THE 497 Theatre Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Dance

DAN 101 Dance in Culture & Society 4 Credits
Dance in Culture and Society is an introduction to the study of dance in the academy. This survey course introduces students to dance as both an aesthetic and cultural experience. The aim is to present the breadth of the field, specifically where dance happens, the diverse functions it serves, and ways of making meaning of the dance experience. Through movement laboratories, readings, videos, observations, and discussions students explore the dance discipline.
Term(s) Offered: Spring, All Years

DAN 181 Dance Practicum: Crew 1 Credit
This course provides an opportunity for student technicians (lighting/sound/projection operators and backstage crew) of the annual Dance Minor Concert to receive credit for their work. Technicians must participate in technical rehearsals and performances. Specific duties are determined based on the needs of the production; guidelines are available from the instructor. Technicians should expect to devote a total of 20-50 hours over the course of the production. Student technicians will be automatically enrolled (either for credit or as auditors) after their production closes. Practicum courses may be repeated for credit (1,2) credit(s).
Cross-listed as: THE 181/DAN 181
Term(s) Offered: Fall, All Years

DAN 182 Dance Practicum: Performance 2 Credits
This course provides an opportunity for student performers in departmental theatre & dance productions to receive credit for their work. Performers typically must participate in auditions, callbacks, rehearsals, load-in, technical rehearsals, performances, and strike; specific duties are determined based on the needs of each production. Performers should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: Fall, All Years

DAN 183 Dance Practicum: Design 2 Credits
This course provides an opportunity for student designers of departmental theatre & dance productions to receive credit for their work. Designers typically must participate in a production orientation workshop (scenery, props, costumes, lighting, or sound), a design meeting with the departmental faculty, production meetings, load-in, technical rehearsals, and strike; specific duties are determined based on the needs of the production. Designers should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: Fall, All Years

DAN 184 Dance Practicum: Dramaturgy 2 Credits
This course provides an opportunity for student dramaturgs of departmental theatre & dance productions to receive credit for their work. Students in these positions typically must participate in production meetings, rehearsals, load-in, technical rehearsals, and strike; specific duties are determined based on the needs of the production. Students in these positions should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s), and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: Fall, All Years

DAN 185 Dance Practicum: Assistant Stage Mngmt 2 Credits
This course provides an opportunity for student assistant stage managers of departmental theatre productions to receive credit for their work. Assistant stage managers typically must participate in production meetings, rehearsals, load-in, technical rehearsals, performances, and strike; specific duties are determined based on the needs of the production. Assistant stage managers should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: Fall, All Years

DAN 186 Dance Practicum: Choreography 2 Credits
This course provides an opportunity for students to gain experience in creating original choreography for the annual departmental dance concert. Working collaboratively with their dancers, faculty and guest choreographers, concert director, and production personnel will help students develop their choreographic and leadership skills. To enroll, students must complete a Student Choreographer Application. Dance faculty and guest artists will review applications and select the student choreographers. Student choreographers must participate in auditions, weekly rehearsals, works-in-progress showings, technical rehearsals and performances. Choreographers should expect to devote a total of 60-100 hours over the course of the production. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: All Terms, All Years

DAN 187 Dance Practicum: Assistant Directing 2 Credits
This course provides an opportunity for students to gain experience in creating original choreography for the annual departmental dance concert. Working collaboratively with their dancers, faculty and guest choreographers, concert director, and production personnel will help students develop their choreographic and leadership skills. To enroll, students must complete a Student Choreographer Application. Dance faculty and guest artists will review applications and select the student choreographers. Student choreographers must participate in auditions, weekly rehearsals, works-in-progress showings, technical rehearsals and performances. Choreographers should expect to devote a total of 60-100 hours over the course of the production. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: All Terms, All Years

DAN 194 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: Fall, All Years

DAN 212 Beginning Ballet 4 Credits
Beginning Ballet is an introduction to the fundamentals of ballet technique as well as ballet terminology, traditions, and etiquette. Ballet class begins at the ballet barre and progresses to ballet centre adagio, and allegro combinations, all of which emphasize clarity of line, movement efficiency, range of motion, and artistry. Readings, videos, reflective and analytical writing, and live performance contextualize the in-class work.
Term(s) Offered: All Terms, All Years

DAN 227 Beginning Modern Dance 4 Credits
Beginning Modern Dance is an introduction to basic principles of modern dance as a creative art form. Special emphasis is placed on body awareness, alignment, and artistic expression. The class structure includes a full body warm-up, center movement studies, traveling sequences and an extended modern dance phrase made up of both choreography and improvisation. Readings, videos, reflective and analytical writing, and live performance will contextualize the movement practice. 4 credits.
Term(s) Offered: Fall, All Years

DAN 233 Dance Composition 4 Credits
Dance Composition is an introduction to the craft of making dances. It is designed to allow students to experience the process of discovering, creating, and performing original movement. Students utilize choreographic theories and compositional devices to develop solo and small group works. Students are encouraged to create a range of vocabularies. The course emphasizes the development of self-expression, creative inquiry, and critical awareness. Research, writing, and discussion required.
Term(s) Offered: Spring, Even Years

DAN 245 Jazz Dance 4 Credits
Jazz Dance offers an exploration of movement vocabularies of the American dance form Jazz, demonstrating its evolution as both an art form and vehicle for individual and group expression. Emphasis will be placed on rhythm, style, technical development, and self-expression. Students will experience a range of jazz vocabularies including Authentic Jazz Dance (ex. Lindy Hop), Classical Concert Jazz Dance (jazz dance originating at the time of Jack Cole), Musical Theatre Jazz Dance (Broadway), and Contemporary Jazz Dance (ex. Lyrical Jazz and Pop Jazz). Class structure includes isolation techniques, warm-up techniques, coordination techniques, traveling sequences, and an extended jazz dance phrase that integrates and builds upon concepts introduced earlier in class. Articles, videos, reflective and critical writing, and live performance will contextualize the movement practice.
Term(s) Offered: Spring, Even Years

DAN 281 Creative Process 4 Credits
This course gives an overview of major topics in creativity: the pleasures and pitfalls as well as effective strategies to use in creative work. Each week we tackle another issue and explore ways to approach creativity in the broadest sense. At the same time students work on self-directed projects throughout the semester (largely outside of class time), submit weekly progress updates, and periodically share with the class. By the end of the semester students have a range of tools and hands-on experiences to return to again and again in their future creative work. Prerequisite: One course of Studio Art, Music, Theatre, Dance, or Creative Writing, or permission of the instructor.
Requisites: Pre-req: One course of Studio Art, MUS, THE, DAN, or Creative Writing
Cross-listed as: Art 277/MUS 234/THE 233
Term(s) Offered: All Terms, All Years

DAN 285 Advanced Dance Practicum: Stage Mgmt 2 Credits
This course provides an opportunity for student stage managers to receive credit for their work on the annual departmental dance concert. Student dance stage managers must participate in works-in-progress showings, weekly production meetings, technical rehearsals, and performances; dance stage managers are also invited to participate in weekly SM Roundtable discussions with the faculty and other student stage managers. Specific duties are determined based on the needs of the production, but typically include planning & executing concert logistics, creating organizational production documents, calling lighting & sound cues, and working closely with the artistic and production managers to ensure a successful production. Stage managers should expect to devote a total of 60-100 hours over the course of the production, some of which may be during college breaks, weekends, holidays, late evenings, and other unusual times. This course is open to dance minors and non-minors. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Requisites: Pre-req: 100-level THE or DAN practicum or THE 371
Term(s) Offered: All Terms, All Years

DAN 287 Advanced Dance Practicum: Directing 4 Credits
This course provides an opportunity for student directors of departmental theatre & dance productions to receive credit for their work. Students in these positions typically must participate in production meetings, rehearsals, load-in, technical rehearsals, and strike; specific duties are determined based on the needs of the production. Students in these positions should expect to devote a total of 120-200 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor.
Requisites: Pre-req: THE 187, THE 221, THE 321
Term(s) Offered: All Terms, All Years

DAN 294 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: Fall, All Years

DAN 305 Teaching Dance 4 Credits
Research shows that nearly 90% of dancers who stay in the field past college teach at least part time. Introduction to Teaching Dance provides students with the practical and theoretical foundation necessary to teach dance in a studio, school, or community environment. Specific topics vary from semester to semester, but may include philosophies of dance education, kinesthetic & emotional safety, national arts education standards, community engagement, learner-centric lesson planning, pedagogical ethics, educational activism, and other contemporary issues in dance instruction. Through observation, peer teaching practicums, and individual reflection, students will gain experience planning, teaching, and evaluating dance technique classes.
Requisites: Pre-req: DAN 233
Term(s) Offered: Spring, All Years

DAN 312 Intermediate Ballet 4 Credits
Intermediate Ballet is a progression of Beginning Ballet. Special emphasis will be placed on working in optimal alignment, building both strength and flexibility, and negotiating stability and mobility. Intermediate Ballet emphasizes clarity of line, movement efficiency, range of motion, and artistry. Readings, videos, reflective and analytical writing, and live performance will contextualize the in-class work .
Requisites: Pre-req: DAN 212
Cross-listed as: DAN 213/DAN 312
Term(s) Offered: All Terms, All Years

DAN 327 Intermediate Modern Dance 4 Credits
Intermediate Modern Dance is a progression of Beginning Modern Dance. Students work to develop a keen awareness of their bodies in order to build clarity, movement efficiency, grounded-ness, and dynamism. Special emphasis is placed on working in optimal alignment, building both strength and flexibility, and negotiating control and abandon. The focus is on technical development as it relates to inviting forward artistry and physical mastery of the body. Readings, videos, reflective and analytical writing, and live performance will contextualize the movement practice.
Cross-listed as: DAN 228/DAN 327
Term(s) Offered: Spring, All Years

DAN 329 Cuba Music & Culture 4 Credits
Students enrolled in this course will focus on anthropological, ethnomusicological, and ethnochoreological ethnographic fieldwork methods, including participant-observation, ethnographic interviews, performance ethnography, and audio/video documentation techniques. Students will be exposed to both Afro-Cuban religious and Cuban popular expressive forms. They will learn about the interrelatedness of music, dance, visual arts, ritual, and religious beliefs, with contemporary Cuban politics and economics, as well as with Cuban views on nationality, gender, and race. Students will attend/observe both formal and informal music performances, and take music and dance lessons where they will have an opportunity to engage musicians on a one-on-one basis. This course requires at least 10 days of travel to Cuba.
Cross-listed as: ANT 329/MUS 329/DAN 329
Term(s) Offered: Winter, All Years

DAN 375 Arts Administration 4 Credits
This course explores various aspects of leadership, management, and entrepreneurship for the visual and performing arts. Students will learn how arts organizations define themselves, make decisions, and plan for the future. Topics may include: leadership & governance, mission & strategy, program planning & evaluation, intellectual property & contracting, marketing & public relations, and/or budgeting & fundraising. This course has no curricular prerequisite, but requires a baseline interest in and understanding of the arts.
Term(s) Offered: Spring, Odd Years

DAN 381 Dance Portfolio 1 Credit
Dance Portfolio culminates the dance minor. Students submit a digital portfolio of their work for faculty review. Upon declaring a dance minor, students schedule a meeting with the dance minor director to discuss the dance portfolio submission guidelines. Students maintain chronological digital files of their artistic work including choreographic, performance, teaching, and footage and photos. In addition to compiling work samples from class work and outside departmental activities, students will write an Artist Statement, Teaching Philosophy, and Dance Resume. Dance Portfolio is done as an independent study with 4 scheduled meetings with the dance minor director during the spring semester of senior year.
Term(s) Offered: Spring, All Years

DAN 394 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: Fall, All Years

DAN 397 Dance Independent Study 1-4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

DAN 497 Dance Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

Dance Minor

Department of Theatre and Dance (p. 199)
Division of Humanities and Fine Arts

The Dance program offered at Washington College is designed to train dancers in the areas of performance, choreography, and teaching. These domains of dance creative practice are seen as mutually dependent and interactive. Choosing a Dance minor allows students to explore and refine their interests in the field through curricular and co-curricular experiences in these three areas. Fundamental to the training of the dancer is the cultivation of artistry, technique, as well as the ability to articulate this knowledge through movement and writing.

The Dance minor program welcomes students from across campus who are interested in incorporating embodied learning within their college experience as a complement to their major field of study.

Dance Minor Requirements

Code	Title	Credits	Notes
Core Courses		**16**	_____
DAN 101	Dance in Culture & Society		_____
DAN 233	Dance Composition		_____
DAN 305	Teaching Dance		_____
DAN 381	Dance Portfolio		_____
Select two of the following in technique, at least one of which must be at the intermediate level:		**8**	_____
DAN 227	Beginning Modern Dance		_____
DAN 212	Beginning Ballet		_____
DAN 312	Intermediate Ballet		_____
DAN Any DAN course [1]			_____
Total Credits		**24**	_____

[1] Any DAN 4 cr. course or cross-listed by the Dance program, including independent studies and accepted transfer courses. Practicum courses do not count as electives.

Additionally, Dance minors must engage in a range of experiential learning, including activities from three of the categories below. Experiential learning may take many forms, but at least one must be a THE/DAN practicum course (i.e., a departmental production experience):

- Performance
- Movement
- Design
- Dramaturgy
- Directing
- Event Management
- Backstage Production
- Front of House (FOH) & Publicity
- Leadership & Administration

Renee Gerardo, Program Director

Major

- Music Major (p. 155)
- Theatre Major (p. 209)

Minor

- Arts Management and Entrepreneurship Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/arts-management-entrepreneurship-minor/)
- Dance Minor (p. 208)
- Music Minor (p. 157)
- Religion Minor (p. 164)
- Theatre Minor (p. 210)

Theatre Major

Department of Theatre and Dance (p. 199)
Division of Humanities and Fine Arts

Theatre Major Requirements

A total of eleven courses are required for the major in Theatre:

Code	Title	Credits	Notes
Core Courses		**28**	_____
THE 201	Drama, Stage, and Society I		_____
THE 203	Drama, Stage, and Society II		_____
THE 211	Introduction to Acting		_____
THE 221	Introduction to Directing		_____
THE 231	Stagecraft		_____
THE 241	Introduction to Theatrical Design		_____
THE 391	Junior Seminar		_____
Select 1 History/Theory Course From Below		**4**	_____
THE 158	Dramaturgy		_____
THE 205	Shakespeare I		_____
THE 206	Shakespeare II		_____
THE 361	Adaptation		_____
THE 401	Dramatic Theory		_____
THE 194/294/394/494	Special Topics (approved by the chair)		_____
Electives		**8**	_____
Select any 4 credit THE course offered or cross-listed by the Department, including independent studies and accepted transfer courses. Practicum courses do not count as electives.			_____
THE Elective			_____
THE Elective			_____
Experiential Learning, Select 4 from below: [1]		**4-8**	_____
THE 181	Theatre Practicum: Crew (1 credit)		_____
THE 182	Theatre Practicum: Performance (2 credits)		_____
THE 183	Theatre Practicum: Design (2 credits)		_____
THE 184	Theatre Practicum: Dramaturgy (2 credits)		_____
THE 185	Theatre Practicum: Assistant Stage Mgmt (2 credits)		_____
THE 186	Theatre Practicum: Choreography (2 credits)		_____
Senior Capstone Experience (THE SCE)		**2-4**	_____
Total Credits		**46-52**	_____

[1] Experiential learning may take many forms (Theatre Production Experience): Performance, Movement, Design, Dramaturgy, Directing, Event Management, Backstage Production, Front of House (FOH) & Publicity, Leadership & Administration

Senior Capstone Experience

A student may complete the Theatre SCE in one of several ways:

- a traditional research thesis in the areas of theatrical criticism, theory, or history;
- a playwriting thesis in which the student writes, workshops, and produces a rehearsed reading of a full-length play;

- a production thesis in which the student serves as dramaturg, stage manager, designer, performer, or director of a departmental production.
- Students may also propose alternative projects not listed above, to be developed and approved in collaboration with the faculty. More details are available on the department's website.

SCE Honors

The Senior Capstone Experience in Theatre is graded pass, fail, or honors. SCE Honors will be conferred on those projects that achieve an exceptional level of creative, artistic, and scholarly conception and realization. A grading rubric is available from the faculty.

Student Production Work

Students may work on no more than two departmental theatre/dance productions in a single semester (in any capacity, including crew, performance, design, dramaturgy, stage management, directing, etc.) Students are strongly discouraged from working on two consecutive productions and must consult with a faculty member if they plan to do so.

General Education Distribution

Students electing Dance as part of their Fine Arts distribution requirement may choose any course except the Dance Practicum sequence (DAN 181 Dance Practicum: Crew, DAN 287 Advanced Dance Practicum: Directing).

Major

- Theatre Major (p. 209)

Minor

- Arts Management and Entrepreneurship Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/arts-management-entrepreneurship-minor/)
- Dance Minor (p. 208)
- Theatre Minor (p. 210)

Certificate

- Secondary Education Certification Program (p. 94)

Theatre Minor

Department of Theatre and Dance (p. 199)
Division of Humanities and Fine Arts

Theatre Minor Requirements

A total of five courses are required for the Theatre minor.

Code	Title	Credits	Notes
Select 1 course from below		**4**	_____
THE 201	Drama, Stage, and Society I		_____
THE 211	Introduction to Acting		_____
or THE 221	Introduction to Directing		_____
THE 231	Stagecraft		_____
or THE 241	Introduction to Theatrical Design		_____
Any 4 credit THE Course [1]			_____
Additionally, Theatre minors must engage in a range of experiential learning, including activities from two of the categories below [2]		**16**	_____
Performance			_____
Movement			_____
Design			_____
Dramaturgy			_____
Directing			_____
Event Management			_____
Backstage Production			_____
FOH & Publicity			_____

Leadership & Adminstration		_____
Total Credits	**20**	_____

[1] Theatre electives may be any 4-credit THE course offered or cross-listed by the Department, including independent studies and accepted transfer courses. Practicum courses do not count as electives.

Major

- Theatre Major (p. 209)

Minor

- Arts Management and Entrepreneurship Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/arts-management-entrepreneurship-minor/)
- Dance Minor (p. 208)
- Theatre Minor (p. 210)

World Languages and Cultures

Division of Humanities and Fine Arts

The Department of World Languages and Cultures offers majors in French Studies, German Studies, Hispanic Studies, and International Literatures and Cultures. Our courses prepare students to live and work in the global community of the 21st century by giving them powerful tools for communicating and collaborating with people in the pluralist U.S. and abroad. Our courses have three main goals:

1. to foster critical thinking skills through an awareness of the power of language in its many contexts,
2. to provide linguistic training for students to develop proficiency in a modern language, and
3. to promote intercultural competence for students to communicate effectively across diverse cultural lines.

Our graduates pursue successful careers in numerous fields, including (international) education, journalism, social services, (international) business, economics, government, (international) law, and applied and theoretical sciences.

The Department offers courses appropriate to majors and minors in French Studies, German Studies, and Hispanic Studies, as well as courses given in English in the field of International Literatures and Cultures. It also offers language courses in Chinese. All language courses offered may be used to satisfy the College's foreign language requirement. For more details on how to complete the foreign language requirement, please consult the section on distribution requirements found under the Academic Program heading of this catalog.

Courses that Fulfill the Humanities Distribution Requirement

Courses on literature and film in a foreign language and courses in International Literatures and Cultures (ILC), given in English, may be used to fulfill the distribution requirement in the Humanities. In some cases, the department chair may approve the use of literature courses taught in the foreign language to fulfill the foreign language requirement. In such cases, those same courses may not also be used to fulfill the Humanities distribution requirement.

Language Requirement Placement Policy

All Washington College students are required to fulfill the Language Requirement. In order to ensure consistent treatment of all students, each student must take the language survey and the language placement test, if applicable. If the student decides to continue with the language of the placement test at the college, they must register for the course indicated by the test.

There are some special cases to consider:

- Students can also fulfill the Language Requirement with transfer credit from other institutions with approval of the Associate Chair of World Languages and Cultures.
- Students who are native speakers of a foreign language have the option of waiving the requirement upon approval of the Associate Chair of World Languages and Cultures.
- Native speakers cannot register for FRS 302 Advanced French II, which is a conversation course or for HPS 301 Advanced Spanish Composition and Convers. They may only take courses above these levels, possibly after consultation with the course instructor. Heritage speakers will be placed into the appropriate course level after individual evaluation by a course instructor.

Students should complete the Language Requirement in their first two years. Otherwise, they may find that their prior skills have deteriorated since completing the placement test or that the class they need is not offered, preventing them from graduating. In the exceptional case that the Department deems that a change of placement is appropriate, the placement will only be lowered by one level. Should the student still feel uncomfortable with their placement, they may start a new language at the 101 level.

Language Placement Process

All incoming freshmen must take the language survey and, if they have studied one of the languages offered at the college, the placement test in this language in order to determine their level. Incoming transfer students should take the language survey, and the placement test if required. Transfer students should refer to the Transfer Evaluation memo provided by Admissions and the Registrar to determine if the language placement test is required. Even if you have never studied a language, you must take the language survey. To access the language survey, please login to Canvas and follow the directions for "Language Placement Exam" in the course titled "New Students" for your first semester.

How to complete the language requirement

- For students starting a new language or students placed in the 101 or 102 level: two semesters in the new or placement language.
- For students placing in 200-level or above in French, German, Chinese, or Spanish: one semester of study.
- Students who have achieved a score of 4 or 5 on the Advanced Placement test have satisfied this requirement.
- Students whose native language is not English may satisfy the language requirement with that language pending approval from the Associate Chair of World Languages and Cultures. (Heritage speakers are not exempt from the language requirement.)
- Students who present appropriate documentation qualifying them for a foreign language substitution may be allowed to substitute two pre-approved courses to satisfy this requirement.

- French Studies Major (p. 226)
- French Studies Minor (p. 227)
- German Studies Major (p. 228)
- German Studies Minor (p. 229)
- Hispanic Studies Major (p. 230)
- Hispanic Studies Minor (p. 231)
- Intermediate Language Micro-credential (p. 232)
- International Literatures and Cultures Major (p. 233)

Nicole Grewling, Chair
David Hull, Associate Chair
Elena Deanda Camacho
Karen Manna
Martín Ponti
Mike Sosulski

Chinese Studies

CHN 101 Elementary Chinese I 4 Credits
An introduction to Mandarin Chinese, this course offers an integrated approach to basic language skills: listening, speaking, reading, and writing. Class work is supplemented by laboratory periods that include engagement with native language via multimedia sources. Discussion of a graded series of cultural topics promotes students understanding of Chinese life and society and aids language learning. The class will meet three days plus two laboratory periods per week. Please note that this course is NOT appropriate for native speakers of Mandarin.
Term(s) Offered: Fall, All Years

CHN 102 Elementary Chinese II 4 Credits
An introduction to Mandarin Chinese, this course offers an integrated approach to basic language skills: listening, speaking, reading, and writing. Class work is supplemented by laboratory periods that include engagement with native language via multimedia sources. Discussion of a graded series of cultural topics promotes students understanding of Chinese life and society and aids language learning. The class will meet three days plus two laboratory periods per week. Please note that this course is NOT appropriate for native speakers of Mandarin.
Requisites: Pre-req: CHN 101
Term(s) Offered: Spring, All Years

CHN 194 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme.
Term(s) Offered: All Terms, All Years

CHN 197 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC.
Term(s) Offered: All Terms, All Years

CHN 201 Intermediate Chinese I 4 Credits
This course reviews and builds upon language skills acquired in the introductory course to Mandarin Chinese. It offers an integrated approach to basic language skills: listening, speaking, reading, and writing. The class meets three days per week, plus a laboratory period. The laboratory includes engagement with native language via multimedia sources. Graded readings on topics related to Chinese life and society serve as an aid to language learning and provide an introduction to Chinese culture.
Requisites: Pre-req: CHN 102, or placed into CHN 201
Term(s) Offered: Fall, All Years

CHN 202 Intermediate Chinese II 4 Credits
This course reviews and builds upon language skills acquired in the introductory course to Mandarin Chinese. It offers an integrated approach to basic language skills: listening, speaking, reading, and writing. The class meets three days per week, plus a laboratory period. The laboratory includes engagement with native language via multimedia sources. Graded readings on topics related to Chinese life and society serve as an aid to language learning and provide an introduction to Chinese culture.
Requisites: Pre-req: CHN 201 or placed into CHN 202
Term(s) Offered: Spring, All Years

CHN 294 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme.
Term(s) Offered: All Terms, All Years

CHN 297 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC.
Term(s) Offered: All Terms, All Years

CHN 351 Chinese Cinema: Ideology & Box Office 4 Credits
Taught in English. China is a growing producer of and market for the world's films. Chinese cinematography has a long and distinguished history. This course examines that history and how the current state of Chinese film has come to be. The content units deal with several broad topics rooted in some of the fundamental issues of any of the humanistic arts. The overall theme of the course is the tension between Chinese identity and commercial success. Students also explore the creation of proscriptive types in gender and ethnicity, the intersection between politics and film, Globalization and modernity, and the applicability of western theory to the analysis of Chinese film. In addition to regular class periods, there is one mandatory film screening per week which will be listed as an accompanying lab.
Term(s) Offered: Spring, Non Conforming

CHN 375 Study Abroad Portfolio 2 Credits
This tutorial continues the development of specific listening, speaking, reading, writing, and critical thinking skills in the target language while majors pursue their language-immersion study abroad program. Students create a portfolio remotely with frequent consultation and feedback from a faculty advisor. The study abroad portfolio is assessed for progress in the student's language learning skills and personal development.
Term(s) Offered: All Terms, All Years

CHN 394 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme.
Term(s) Offered: All Terms, All Years

CHN 397 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC.
Term(s) Offered: All Terms, All Years

CHN 494 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme.
Term(s) Offered: All Terms, All Years

CHN 497 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC.
Term(s) Offered: Fall, All Years

French Studies

FRS SCE Senior Capstone Experience 2-4 Credits
Majors must successfully complete the Senior Capstone Experience, which may consist of an original research project (open to students with a 3.5 GPA or higher in the major), or a thesis based on a seminar paper. In each case, students consult with the faculty advisor(s) to choose the most appropriate Capstone Experience, which must be approved by the faculty advisor(s). The Senior Capstone Experience is graded Pass, Fail or Honors and should be taken during the semester in which the student plans to graduate.
Term(s) Offered: All Terms, All Years

FRS 101 Elementary French I 4 Credits
Designed for beginning students and aimed at developing skill in listening, speaking, reading, and writing in French. Emphasis on communication through intensive aural/oral practice and awareness of cultural context.
Term(s) Offered: Fall, All Years

FRS 102 Elementary French II 4 Credits
Designed for beginning students and aimed at developing skill in listening, speaking, reading, and writing in French. Emphasis on communication through intensive aural/oral practice and awareness of cultural context.
Requisites: Pre-req: FRS 101 or placed into FRS 102
Term(s) Offered: Spring, All Years

FRS 194 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme.
Term(s) Offered: All Terms, All Years

FRS 195 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

FRS 196 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. 45 hours per credit required.
Term(s) Offered: All Terms, All Years

FRS 197 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

FRS 201 Intermediate French I 4 Credits
Continued emphasis on the four basic skills. Intensive aural/oral practice. Review of grammar, expansion of vocabulary, and their application in writing. Development of effective reading strategies in response to both expository and literary texts. Familiarization of the student with French life and the francophone world.
Requisites: Pre-req: FRS 102 or placed into FRS 201
Term(s) Offered: Fall, All Years

FRS 202 Intermediate French II 4 Credits
Continued emphasis on the four basic skills. Intensive aural/oral practice. Review of grammar, expansion of vocabulary, and their application in writing. Development of effective reading strategies in response to both expository and literary texts. Familiarization of the student with French life and the francophone world.
Requisites: Pre-req: FRS 201, or placed into FRS 202
Term(s) Offered: Spring, All Years

FRS 290 French Studies Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours are required per credit.
Term(s) Offered: All Terms, Non Conforming

FRS 294 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme.
Term(s) Offered: All Terms, All Years

FRS 295 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

FRS 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. 45 hours per credit required.
Term(s) Offered: All Terms, All Years

FRS 297 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

FRS 301 Advanced French I 4 Credits
FRS 301 and FRS 302 is a sequence designed to deepen the student's skills reading, writing, speaking, and listening. FRS 301 focuses on writing: Journalistic, cultural, and literary readings about contemporary French life serve to develop the student's ability to analyze texts and to write clearly and persuasively in varied forms, such as the résumé, analysis, commentary, description, and short narrative. These courses prepare the student for upper-level literature and civilization courses and for study abroad in a Francophone country.
Requisites: Pre-req: FRS 202 or placed into 300 level French
Term(s) Offered: Fall, Odd Years

FRS 302 Advanced French II 4 Credits
FRS 301 and FRS 302 is a sequence designed to deepen the student's skills reading, writing, speaking, and listening. FRS 302 focuses on speaking: Class discussion aims at stimulating fluent and spontaneous use of spoken French. The course includes instruction in phonetics as a guide to correct pronunciation as well as multimedia cultural activities intended to improve the student's linguistic and cultural knowledge. These courses prepare the student for upper-level literature and civilization courses and for study abroad in a Francophone country.
Requisites: Pre-req: FRS 202 or placed into 300 level French
Term(s) Offered: Fall, Even Years

FRS 303 Intro to French Literature 4 Credits
A course designed to help students answer the questions, How does one talk and write about literature? and What does it mean to read and give a reading to a text? An exploration of selected works representing different genres both in relation to other literary movements and their historical contexts.
Requisites: Pre or co-req: FRS 301 or FRS 302
Term(s) Offered: Spring, Even Years

FRS 304 Intro to French Literature II 4 Credits
A course designed to help students answer the questions, How does one talk and write about literature? and What does it mean to read and give a reading to a text? An exploration of selected works representing different genres both in relation to other literary movements and their historical contexts.
Requisites: Pre or co-req: FRS 301 or FRS 302
Term(s) Offered: Other, Non Conforming

FRS 311 Contemporary France 4 Credits
Taught in English, this course provides an introductory historical and cultural study of contemporary France. Students are provided tools for cultural interpretation via critical texts and the analysis of French films and their American remakes; they will then apply them to the cultural history of France. We explore the impact of World War II, of the students protests of May '68, and of women's emancipation movements. We examine France's position in the world -- its past as a colonizing nation, its present post-colonial actions, and its multicultural identity enriched be different waves of immigration. We study the political and economic roles of women, their place in the family, health concerns, and struggles for autonomy through works by women. This course counts toward the French major and minor if the journal entries, mid-term exam, and final paper are written in French.
Cross-listed as: FRS 311/ILC 311
Term(s) Offered: Other, Non Conforming

FRS 312 The Contemporary Francophone World 4 Credits
Taught in English, this course provides an introductory historical and cultural study of the contemporary Francophone world. Designed as a survey of the non-European Francophone world, the course offers for study both literary and cultural documents from the Caribbean, North Africa, Sub-Saharan Africa, and Canada. Initially students are provided tools for cultural interpretation via critical texts, media analysis (including print and internet sources) and the analysis of Francophone films; they then apply them to the cultural history of the Francophone world. We explore French colonization, the process of decolonization, and subsequent independence movements. We examine social, political, and economic roles of both women and men, changing gender roles, and contemporary divisions of labor. Finally, we reflect on the political, historical, and sociocultural situations of post-colonial Francophone nations.
Cross-listed as: FRS 312/ILC 312
Term(s) Offered: Other, Non Conforming

FRS 375 Study Abroad Portfolio 2 Credits
This tutorial continues the development of specific listening, speaking, reading, writing, and critical thinking skills in the target language while majors pursue their language-immersion study abroad program. Students create a portfolio remotely with frequent consultation and feedback from a faculty advisor. The study abroad portfolio is assessed for progress in the student's language learning skills and personal development.
Term(s) Offered: All Terms, All Years

FRS 390 French Studies Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

FRS 394 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme.
Term(s) Offered: All Terms, All Years

FRS 395 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: Summer, All Years

FRS 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. 45 hours per credit required.
Term(s) Offered: Summer, All Years

FRS 397 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours per credit is required.
Term(s) Offered: Fall, All Years

FRS 411 Love in the Middle Ages 4 Credits
An investigation of the various modes of representation used to define love during the Middle Ages in France. Readings include Ovid, Andreas Capellanus, the troubadours, Chrétien de Troyes, Marie de France, and the letters of Heloise and Abelard
Requisites: Pre or co-req: FRS 303 or FRS 304
Term(s) Offered: Other, Non Conforming

FRS 418 Post -World War II France 4 Credits
What are the voices of the post-war period, feminism, and anticolonialism? What is the nature of identity and nationalism? What was the impact of the Algerian War and Mai 68? What is the nouveau roman? Who are some of the critics that have helped shape the visions of this century? Readings are drawn from works by de Beauvoir, Beckett, Césaire, Cixous, Duras, Fanon, Foucault, Ionesco, and Robbe-Grillet.
Requisites: Pre or co-req: FRS 303 or FRS 304
Term(s) Offered: Other, Non Conforming

FRS 419 Studies in Francophone Lit & Cult 4 Credits
This course presents the student with a number of aesthetic, cultural, historical, and political issues relevant to francophone literature. The particular national or regional focus varies.
Requisites: Pre or co-req: FRS 303 or FRS 304
Term(s) Offered: Other, Non Conforming

FRS 490 French Studies Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

FRS 494 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme.
Term(s) Offered: All Terms, All Years

FRS 495 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: Summer, All Years

FRS 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. 45 hours per credit required.
Term(s) Offered: Summer, All Years

FRS 497 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

German Studies

GRS SCE Senior Capstone Experience 2-4 Credits
Majors must successfully complete the Senior Capstone Experience, which may consist of an original research project, or a thesis based on a seminar paper. In each case, students consult with the faculty advisor(s) in order to choose the most appropriate Capstone Experience, which must be approved by the faculty advisor(s). Students are enrolled for four SCE credits usually in the spring of their senior year, but the SCE is a year-long project that should be started at the end of the junior year. The Capstone receives a mark of Pass, Fail, or Honors.
Term(s) Offered: All Terms, All Years

GRS 101 Elementary German I 4 Credits
Designed for beginning students and aimed at developing skill in listening, speaking, reading, and writing in German. Emphasis on communication through intensive aural/oral practice and awareness of cultural context. Students must not have taken or placed into a higher level of German. Three class meetings and one laboratory session per week.
Term(s) Offered: Fall, All Years

GRS 102 Elementary German II 4 Credits
Designed for beginning students and aimed at developing skill in listening, speaking, reading, and writing in German. Emphasis on communication through intensive aural/oral practice and awareness of cultural context. Student may not have taken/tested a higher level of German. Three class meetings and one laboratory session per week.
Requisites: Pre-req: GRS 101, or placed into GRS 102
Term(s) Offered: Spring, All Years

GRS 190 German Studies Internship 4 Credits
A learning contract is required prior to, enrollment. Evaluation of student performance is, completed by the faculty mentor based on, fulfillment of the contract terms and written, evaluation by the internship site supervisor. 45, hours per credit is required.
Term(s) Offered: All Terms, All Years

GRS 194 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme in German culture studies.
Term(s) Offered: All Terms, All Years

GRS 195 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

GRS 196 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member a
Term(s) Offered: Summer, All Years

GRS 197 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours per credit is required.

GRS 201 Intermediate German I 4 Credits
Continued emphasis on the four basic skills. Intensive aural/oral practice. Review of grammar, expansion of vocabulary, and their application in writing. Development of effective reading strategies. Authentic non-fictional and literary German texts provide the basis for discussion of a wide range of contemporary social, political, and cultural topics. Three class meetings and one laboratory session per week.
Requisites: Pre-req: GRS 102, or placed into GRS 201
Term(s) Offered: Fall, All Years

GRS 202 Intermediate German II 4 Credits
Continued emphasis on the four basic skills. Intensive aural/oral practice. Review of grammar, expansion of vocabulary, and their application in writing. Development of effective reading strategies. Authentic non-fictional and literary German texts provide the basis for discussion of a wide range of contemporary social, political, and cultural topics. Three class meetings and one laboratory session per week.
Requisites: Pre-req: GRS 201, or placed into GRS 202
Term(s) Offered: Spring, All Years

GRS 290 German Studies Internship 4 Credits
A learning contract is required prior to, enrollment. Evaluation of student performance is, completed by the faculty mentor based on, fulfillment of the contract terms and written, evaluation by the internship site supervisor. 45, hours per credit is required.
Term(s) Offered: All Terms, All Years

GRS 294 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme in German culture studies.
Term(s) Offered: All Terms, All Years

GRS 295 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

GRS 296 Off-Campus Studies 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

GRS 297 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

GRS 301 Advanced German Proficiency I 4 Credits
A course designed to enhance students' skills in reading, writing, speaking, and listening as well as their cultural knowledge. Engagement with contemporary cultural and literary texts serves to develop students' abilities to analyze texts and to express themselves clearly and according to genre-specific conventions in written and oral communication. This course also includes a review of German grammar.
Requisites: Pre-req: GRS 202, or placed into 300 level German
Term(s) Offered: Fall, Even Years

GRS 302 Advanced German Proficiency II 4 Credits
A course designed to enhance students' skills in reading, writing, speaking, and listening as well as their cultural knowledge. Engagement with contemporary cultural and literary texts serves to develop students' abilities to analyze texts and to express themselves clearly and according to genre-specific conventions in written and oral communication. This course also includes a review of German grammar.
Requisites: Pre-req: GRS 202, or placed into 300 level German
Term(s) Offered: Fall, Odd Years

GRS 304 German Civilization 4 Credits
A survey of German history, politics, and art from their beginnings to the present with special emphasis on the nineteenth and twentieth centuries. In addition, this course will focus on a close study of the geography and social structures of German-speaking countries. Use will be made of authentic sources. Students will continue to develop language skills, especially reading strategies and vocabulary building.
Requisites: Pre or co-req: GRS 301 or GRS 302
Term(s) Offered: Spring, Non Conforming

GRS 305 Introduction to German Literature 4 Credits
This course provides students with the analytic tools that facilitate the reading and interpretation of German literature. Specific artistic accomplishments are discussed against the background of historical and social contexts. Brief selections may range from the writings of Martin Luther to works by contemporary women. Particular emphasis is placed on authors of the twentieth century. Students continue to develop language skills, especially reading strategies and vocabulary building.
Requisites: Pre or co-req: GRS 301 or GRS 302
Term(s) Offered: Spring, Non Conforming

GRS 314 Berlin: Symphony of Great City 4 Credits
The course provides an overview of the cultural, sociological, political, and historical significance of Berlin. It presents a survey of its history and culture over the past century, examining how Berlin has come to stand as a symbol of the development of Germany as a whole. Discussion of selected (fictional and nonfictional) texts from specific moments in Berlin's history. Course taught in German.
Requisites: Pre or co-req: GRS 301 or GRS 302
Term(s) Offered: Spring, Non Conforming

GRS 315 Minorites & Migration in Germany (eng) Margins (English) 4 Credits
The course provides an overview of the historical background to situate minorities in contemporary Germany, focusing on cultural productions (fictional, non-fictional texts, films) that contribute to the discussion about the situation of minorities in postwar Germany. We examine works that address minorities and their particular circumstances such as guestworkers, the Turkish community, Black Germans, Jews, Muslims, Aussiedler, Russian immigrants. Course taught in English.
Cross-listed as: GRS 315/ILC 315
Term(s) Offered: Spring, Non Conforming

GRS 316 Minorities & Migration Germany (grs) 4 Credits
The course provides an overview of the historical background to situate minorities in contemporary Germany, focusing on cultural productions (fictional, non-fictional texts, films) that contribute to the discussion about the situation of minorities in postwar Germany. We examine works that address minorities and their particular circumstances such as guestworkers, the Turkish community, Black Germans, Jews, Muslims, Aussiedler, Russian immigrants. Course taught in German.
Requisites: Pre or co-req: GRS 301 or GRS 302
Cross-listed as: GRS 316/ILC 316
Term(s) Offered: Spring, Non Conforming

GRS 317 German Cinema (English) 4 Credits
Explores the history and cultural background of German cinema, its topics, forms of representation and relationship to main issues of German history; major themes, movements, and trends, and the construction of identity and difference with special focus on gender. Apart from the historical and narrative context of the films, we also consider how movies produce meaning and how our perspectives as viewers are guided. While this course is not an introduction to Film Studies, it gives students a general idea how to think and write about film in a critical way. Films are screened outside of class; if students cannot attend the screenings, they must watch the films before the class discussion on their own time.
Cross-listed as: GRS 317 / CMS 317
Term(s) Offered: Spring, Non Conforming

GRS 318 German Cinema (German) 4 Credits
Explores the history and cultural background of German cinema, its topics, forms of representation and relationship to main issues of German history; major themes, movements, and trends, and the construction of identity and difference with special focus on gender. Apart from the historical and narrative context of the films, we also consider how movies produce meaning and how our perspectives as viewers are guided. While this course is not an introduction to Film Studies, it gives students a general idea how to think and write about film in a critical way. Films are screened outside of class; if students cannot attend the screenings, they must watch the films before the class discussion on their own time.
Requisites: Pre-req: GRS 301 or GRS 302
Term(s) Offered: Spring, Non Conforming

GRS 375 Study Abroad Portfolio 2 Credits
This tutorial continues the development of specific listening, speaking, reading, writing, and critical thinking skills in the target language while majors pursue their language-immersion study abroad program. Students create a portfolio remotely with frequent consultation and feedback from a faculty advisor. The study abroad portfolio is assessed for progress in the student's language learning skills and personal development.
Term(s) Offered: All Terms, All Years

GRS 390 German Studies Internship 4 Credits
A learning contract is required prior to, enrollment. Evaluation of student performance is, completed by the faculty mentor based on, fulfillment of the contract terms and written, evaluation by the internship site supervisor. 45, hours per credit is required.
Term(s) Offered: All Terms, All Years

GRS 394 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme in German culture studies.
Term(s) Offered: All Terms, All Years

GRS 395 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: Summer, All Years

GRS 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member a
Term(s) Offered: Summer, All Years

GRS 397 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours per credit is required.

GRS 413 The Birth of Modern Germany 4 Credits
In many respects, modern German history may be said to have begun with the failed bourgeois revolution of 1848. With the shattering of its democratic hopes, the German middle class largely turned away from political concerns, focusing instead on the pleasures of family life, the private accumulation of wealth, and the advancement of science and industry. At the same time, the German bourgeoisie also came to accept the autocratic state of authority with which it would ever afterwards be associated. This course traces the often ambivalent artistic responses to German modernity, focusing on figures such as Fontane, Hauptmann, Nietzsche, Wagner, and Rilke, and the movements with which they are associated (Realism, Naturalism, Symbolism, and Expressionism).
Requisites: Pre or co-req: GRS 304 or GRS 305
Term(s) Offered: Spring, Non Conforming

GRS 417 Democratic & Totalitarian Germany 4 Credits
Few eras continue to fascinate as do those of Germany's Weimar Republic (1918-1933) and Third Reich (1933-1945). In the former, we find a fragile new democracy characterized at once by anxiety, inflation, and the destruction of values, as well as an explosion of creative energies in literature, film, music, the visual arts, and architecture. In the latter, by contrast, Germany's Golden Twenties come crashing to a halt; post-war anxieties, uncertainties, and freedoms are exchanged for the reactionary nationalism of Adolf Hitler and the Nazi Party. Drawing on key cultural artifacts from the periods in question, this course considers the troubled relationship between democracy and totalitarianism in German history. The course then concludes with an analysis of the divided Germany as it developed after 1945.
Requisites: Pre or co-req: GRS 304 or GRS 305
Term(s) Offered: Spring, Non Conforming

GRS 418 The Culture of Open Society 4 Credits
With the construction of the Berlin Wall in 1961, Germany's permanent separation seemed assured. In the east, the German Democratic Republic sought to realize a socialist state founded upon the principles of Marxism-Leninism. In the west, the Federal Republic of Germany embraced the model of a capitalist and politically open (pluralistic) society. This seminar focuses on the trials and triumphs of the latter, tracing social, cultural, and political developments from 1961 to the present. Topics of discussion will include Germany's economic miracle and affluent society, the social market economy, student, peace, and women's movements, terrorism, and German Reunification.
Requisites: Pre or co-req: GRS 304 or GRS 305
Term(s) Offered: Spring, Non Conforming

GRS 490 German Studies Internship 4 Credits
A learning contract is required prior to enrollment. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

GRS 494 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme in German culture studies.
Term(s) Offered: All Terms, All Years

GRS 495 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: Summer, All Years

GRS 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. 45 hours per credit is required.
Term(s) Offered: Summer, All Years

GRS 497 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

Hispanic Studies

HPS SCE Senior Capstone Experience 2-4 Credits
Majors must successfully complete the Senior Capstone Experience, which may consist of a comprehensive examination, an original research project (open to students with a 3.5 GPA or higher in the major), or a thesis based on a seminar paper. In each case, students will consult with the faculty advisor(s) to choose the most appropriate Capstone Experience, which must be approved by the faculty advisor(s). The Senior Capstone Experience will be graded Pass, Fail or Honors and should be taken during the semester in which the student plans to graduate.
Term(s) Offered: All Terms, All Years

HPS 101 Elementary Spanish I 4 Credits
Designed to develop basic proficiency in aural comprehension, speaking, reading, and writing. A native Spanish-speaking assistant serves as tutor for the course.
Term(s) Offered: Fall, All Years

HPS 102 Elementary Spanish II 4 Credits
Designed to develop basic proficiency in aural comprehension, speaking, reading, and writing. A native Spanish-speaking assistant serves as tutor for the course.
Requisites: Pre or co-req: HPS 101 or placed into HPS 102
Term(s) Offered: Spring, All Years

HPS 190 Hispanic Studies Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

HPS 194 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

HPS 195 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

HPS 196 Off-Campus Research 4 Credits
Term(s) Offered: All Terms, All Years

HPS 201 Intermediate Spanish I 4 Credits
Review and intensified practice of language skills. Readings cover a wide range of topics in Spanish and Spanish American culture and literature. A native Spanish-speaking assistant serves as tutor for the course.
Requisites: Pre or co-req: HPS 102 or placed into HPS 201
Term(s) Offered: All Terms, All Years

HPS 202 Intermediate Spanish II 4 Credits
Review and intensified practice of language skills. Readings cover a wide range of topics in Spanish and Spanish American culture and literature. A native Spanish-speaking assistant serves as tutor for the course.
Requisites: Pre or co-req: HPS 201 or placed into HPS 202
Term(s) Offered: All Terms, All Years

HPS 290 Hispanic Studies Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

HPS 294 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

HPS 295 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

HPS 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

HPS 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: Fall, All Years

HPS 301 Advanced Spanish Composition and Convers 4 Credits
A course designed to improve reading and writing skills and to augment vocabulary through the use of literary and cultural texts, including film. Spanish grammar is thoroughly reviewed with emphasis on those elements of the structure of Spanish that are often the most troubling to non-native learners.
Requisites: Pre or co-req: HPS 202 or placed into 300 level Spanish
Cross-listed as: .
Term(s) Offered: All Terms, All Years

HPS 305 Introduction to the Literature/Culture 4 Credits
An introduction to Spanish and Latin American literature. This course provides students with the analytic tools that facilitate the reading and interpretation of the literature of Spain and Latin America and their representative authors. The course includes works of poetry, drama, short story, novel, and essay.
Requisites: Pre or co-req: HPS 301
Term(s) Offered: All Terms, All Years

HPS 306 Cltures&communities Spanish-Speakng Wrld 4 Credits
This interdisciplinary course familiarizes students to the varied societies of the Spanish speaking world, including Spain and a variety of Latin American countries in relation to their cultural production. By drawing on art, film, and mass media, students are able to discuss, explore, and contextualize the major themes and issues that have shaped these linguistic communities. The scope and sequence varies by semester depending on the instructor's research area-region.
Requisites: Pre-req: HPS 301
Term(s) Offered: Spring, Non Conforming

HPS 307 Spanish for the Professions 4 Credits
Designed to give students a foundation in the vocabulary of business and international trade and in the expression of basic business concepts in Spanish. Practice in presenting oral reports on business and cultural topics, in reading business reports and other texts of a cultural nature, and in writing various kinds of business correspondence, including résumés, memos, and letters. All materials are presented within a cultural context intended to expand the student's knowledge and understanding of the manners and mores of Spain and the Spanish-speaking republics of Latin America, as well as of demographic, geographic, and other data related to those nations.
Requisites: Pre or co-req: HPS 301
Term(s) Offered: Other, Non Conforming

HPS 310 History of Spanish 4 Credits
A study of the evolution (phonological, morphological, semantic, and syntactic of spoken Latin into Castilian through the reading and analysis of medieval texts. The class will also consider the major historical events (social and political that contributed to the formation of modern Spanish. Prerequisite: HPS 301 or 302, or permission of the instructor.
Requisites: Pre or co-req: HPS 301
Term(s) Offered: Other, Non Conforming

HPS 375 Study Abroad Portfolio 2 Credits
This tutorial continues the development of specific listening, speaking, reading, writing, and critical thinking skills in the target language while majors pursue their language-immersion study abroad program. Students create a portfolio remotely with frequent consultation and feedback from a faculty advisor. The study abroad portfolio is assessed for progress in the student's language learning skills and personal development.
Term(s) Offered: All Terms, All Years

HPS 390 Hispanic Studies Internship 4 Credits
A learning contract is required prior to enrollment. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

HPS 394 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

HPS 395 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: Summer, All Years

HPS 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. 45 hours of credit is required per credit.
Term(s) Offered: Summer, All Years

HPS 397 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

HPS 414 How to (make) Love in Early Modern Spain 4 Credits
This course investigates different texts that were read and/or produced in Early Modern Spain around the topics of love, gender, and sex in order to reflect on how we have loved throughout history. It looks at manuals, treatises, and diverse literary genres (poetry, narrative, and theater) that aimed to describe and/or prescribe ways of loving and ways of knowing. The goal is for students to put into practice their literary analytical skills and to reflect on everyday issues that puzzle us, weaken us, and strengthen us: love, sex, and the Other.
Requisites: Pre or co-req: HPS 305
Term(s) Offered: Spring, Odd Years

HPS 415 Early Modern Spanish Lit 4 Credits
Spanning the medieval era to the XVIII century, this course focuses on selective works of history, essay, poetry, prose, and theatre that are representative of literary periods such as Medieval, Golden Age, Baroque, and/or the Enlightenment. This class emphasizes close reading as well as contextual analysis, considering the major historical, social, and political events that contributed to each period formation.
Requisites: Pre or co-req: HPS 305

HPS 416 Pre-Hispanic Literature 4 Credits
Spanning the pre-hispanic era to the XVIII century, this course focuses on selective works of history, essay, poetry, prose, and theatre that are representative of periods like Pre-Hispanic literature, Colonial Baroque, and/or the Enlightenment. This class emphasizes close reading as well as contextual analysis, considering the major historical, social and political events that contributed to each period formation.
Requisites: Pre or co-req: HPS 305
Term(s) Offered: Other, Non Conforming

HPS 417 Afro Latin America 4 Credits
This class introduces students to the process of critical thinking through theoretical works on race and through selected historical and contemporary texts about the legacy of Africa in Latin America and the USA. This course explores the effects of race on the relationship between language and the mind and looks at the intersections of race, gender, class and sexuality as socially constructed practices. Students learn to read, think and write critically about different perspectives on being Afro-American, Afro-Caribbean, Afro-Mexican, etc. It considers why race still matters in the so-called post-racial America.
Requisites: Pre or co-req: HPS 305
Term(s) Offered: Spring, Even Years

HPS 421 Latin American Media 4 Credits
The course explores and contextualizes the historical, cultural, and industrial development of telenovelas from a once regional media object to now a globalized media phenomenon. The course's theoretical and video material will consider the performative role of emotions in shaping national constructs, as well as its effects on representations of gender, class, and political ideologies, promoted not only by the telenovela, but also by the industry it supports.
Requisites: Pre or co-req: HPS 305
Term(s) Offered: Fall, Even Years

HPS 422 Censorship & Repression in Latin America 4 Credits
The course theorizes how the ushering of modernity in Latin America resulted in state censorship and or repression. This process is exemplified through case studies on the experiences of university students in Cuba, Mexico, and Argentina in order to contextualize their role in negotiating and contesting modernity. The course draws from government documents, media, and literary texts to trace student resistance and leadership in paths to non-violence.
Requisites: Pre or co-req: HPS 305
Term(s) Offered: Fall, Non Conforming

HPS 490 Hispanic Studies Internship 4 Credits
A learning contract is required prior to enrollment. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

HPS 494 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Requisites: Pre-req: HPS 305
Term(s) Offered: All Terms, All Years

HPS 495 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: Summer, All Years

HPS 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. 45 hours of credit is required per credit.
Term(s) Offered: Summer, All Years

HPS 497 HPS Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

International Languages and Cultures

ILC SCE Senior Capstone Experience 2-4 Credits
Students majoring in ILC must complete a Senior Capstone Experience (SCE) which entails producing a thesis or other project related closely to the focus of the major. The project or thesis may be written in English or in the foreign language. Students give a formal oral presentation of the thesis or project before peers and faculty, either in English or the foreign language. ILC students are strongly urged to engage in a semester-long or summer study abroad experience. Graded Pass, Fail or Honors.
Term(s) Offered: All Terms, All Years

ILC 194 Special Topics 4 Credits
Study of a selected topic within a single national literature or culture, or a comparative study across cultures. Recent offerings include Perspectives on International Film; Food in Film, Literature and Culture; Shakespeare and Cervantes (Honors); The Big City in Literature and Film; Love and the Ideal in European Literature and Film; and The Reception of the Middle Ages.
Term(s) Offered: All Terms, All Years

ILC 195 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ILC 196 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ILC 294 Special Topics 4 Credits
Study of a selected topic within a single national literature or culture, or a comparative study across cultures. Recent offerings include Perspectives on International Film; Food in Film, Literature and Culture; Shakespeare and Cervantes (Honors); The Big City in Literature and Film; Love and the Ideal in European Literature and Film; and The Reception of the Middle Ages.
Term(s) Offered: All Terms, All Years

ILC 295 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ILC 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ILC 305 European Cinema 4 Credits
Study of European film and its history. Special attention is given to the various dimensions of film structure and criticism, with emphasis on foreign language films (with English subtitles). Selected films are viewed and analyzed.
Cross-listed as: Ilc*305/Cms*315
Term(s) Offered: Other, Non Conforming

ILC 311 Contemporary France 4 Credits
This course provides an introductory historical and cultural study of contemporary France. Students will be provided tools for cultural interpretation via critical texts and the analysis of French films and their American remakes; they will then apply them to the cultural history of France. We will explore the impact of World War II, of the student protests of May '68, and of women's emancipation movements. We will examine France's position in the world -- its past colonizing nation, it present post-colonial actions, and its multicultural identity enriched by different waves of immigration. We will study the political and economic roles of women, their place in the family, health concerns, and struggles for autonomy through works by women. This course counts toward the French major and minor if the journal entries, mid-term exam, and final paper are written in French.
Cross-listed as: FRS 311/ILC 311
Term(s) Offered: Other, Non Conforming

ILC 312 The Contemporary Francophone World 4 Credits
This course provides an introductory historical and cultural study of the contemporary Francophone world. Designed as a survey of the non-European Francophone world, it will offer for study both literary and cultural documents from the Caribbean, North Africa, Sub-Saharan Africa, and Canada. Initially students will be provided tools for cultural interpretation via critical texts, media analysis (including print and Internet sources) and the analysis of Francophone films; they will then apply them to the cultural history of the Francophone world. We will explore French colonization, the process of decolonization, and subsequent independence movements. We will examine social, political, and economic roles of both women and men, changing gender roles, and contemporary divisions of labor. Finally, we will reflect on the political, historical, and sociocultural situations of post-colonial Francophone nations. This course counts toward the French major and minor if the journal entries, mid-term exam, and final paper are written in French.
Cross-listed as: FRS 312/ILC 312
Term(s) Offered: Other, Non Conforming

ILC 313 Berlin: Symphony of a Great City 4 Credits
The course provides an overview of the cultural, sociological, political, and historical significance of Berlin. It presents a survey of its history and culture over the past century, examining how Berlin has come to stand as a symbol of the development of Germany as a whole. Discussion of selected (fictional and nonfictional) texts from specific moments in Berlin's history. Course may be taught in English or German.
Cross-listed as: GRS 313/ILC 313
Term(s) Offered: Other, Non Conforming

ILC 315 Minorites & Migration in Germany 4 Credits
The course provides an overview of the historical background to situate minorities in contemporary Germany, focusing on cultural productions (fictional, non-fictional texts, films) that contribute to the discussion about the situation of minorities in postwar Germany. We examine works that address minorities and their particular circumstances such as guestworkers, the Turkish community, Black Germans, Jews, Muslims, Aussiedler, Russian immigrants. Course may be taught in English (GRS/ILC 315) or German (GRS/ILC 316).
Cross-listed as: GRS 315/ILC 315
Term(s) Offered: Other, Non Conforming

ILC 316 Minorites & Migration in Germany 4 Credits
The course provides an overview of the historical background to situate minorities in contemporary Germany, focusing on cultural productions (fictional, non-fictional texts, films) that contribute to the discussion about the situation of minorities in postwar Germany. We examine works that address minorities and their particular circumstances such as guestworkers, the Turkish community, Black Germans, Jews, Muslims, Aussiedler, Russian immigrants. Course may be taught in English (GRS/ILC 315) or German (GRS/ILC 316).
Cross-listed as: GRS 316/ILC 316
Term(s) Offered: Other, Non Conforming

ILC 318 Cultural and Linguistic Diversity in Ed 4 Credits
This course is an examination of contemporary cultural and linguistic diversity within the United States educational environments. Special attention is given to cultural problems and issues that influence opportunities and performance in educational institutions. The basic premise of the course is that teachers play an important role in creating a positive classroom learning environment and bringing school success, especially for English language learners. Students develop understandings of the impact of culture, cultural diversity, immigration, migration, colonialism, and power on language policy and on students currently learning English as a second language.
Cross-listed as: EDU 318/ILC 318
Term(s) Offered: Fall, All Years

ILC 336 Postcolonial Literature 4 Credits
This course will investigate the impact of British colonialism, national independence movements, postcolonial cultural trends, and women's movements on the global production of literary texts in English. We will read a diverse grouping of writers including Mulk Raj Anand, Kiran Desai and Salman Rushdie from India, Jamaica Kinkaid, Una Marson, and Sam Selvon from the Caribbean, as well as the Kenyan Nugugi Thiong'o and the Zimbabwean Tsitsi Dangarembga among many others. Careful attention will be paid to ethnographic, geographic, and historical modes of understanding the multi-layered effects of colonialism and its' after effects.
Cross-listed as: Ilc336eng336
Term(s) Offered: Fall, All Years

ILC 351 Chinese Cinema: Ideology & the Box 4 Credits
Taught in English. China is a growing producer of and market for the world's films. Chinese cinematography has a long and distinguished history. This course will examine that history and how the current state of Chinese film has come to be. The content untis will deal with several broad topics rooted in some of the fundamental issues of any of the humanistic arts. The overall theme of the course will be the tension between Chinese identity and commercial success. The students will also explore the creation of proscriptive types in gender and ethnicity, the intersection between politics and film, Globalization and modernity, and the applicability of western theory to the analysis of Chinese film. In addition to regular class periods, there is one mandatory film screening per week which will be listed as an accompanying lab.
Term(s) Offered: Spring, Even Years

ILC 394 Special Topics 4 Credits
Study of a selected topic within a single national literature or culture, or a comparative study across cultures. Recent offerings include Perspectives on International Film; Food in Film, Literature and Culture; Shakespeare and Cervantes (Honors); The Big City in Literature and Film; Love and the Ideal in European Literature and Film; and The Reception of the Middle Ages.
Term(s) Offered: All Terms, All Years

ILC 395 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ILC 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ILC 397 ILC Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

ILC 494 Special Topics 4 Credits
Study of a selected topic within a single national literature or culture, or a comparative study across cultures. Recent offerings include Perspectives on International Film; Food in Film, Literature and Culture; Shakespeare and Cervantes (Honors); The Big City in Literature and Film; Love and the Ideal in European Literature and Film; and The Reception of the Middle Ages.
Term(s) Offered: All Terms, All Years

ILC 495 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ILC 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ILC 497 ILC Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: Fall, All Years

French Studies Major

Department of World Languages and Cultures (p. 211)
Division of Humanities and Fine Arts

French Studies Major Requirements

The French Studies major requires at least eight courses (32 credits) at the 200, 300 and 400 levels and completion of the Senior Capstone Experience

Code	Title	Credits	Notes
Required Courses			_____
FRS 301 & FRS 302	Advanced French I and Advanced French II (or equivalent taken abroad)	8	_____
FRS 303	Intro to French Literature (to be taken at Washington College)	4	_____
or FRS 304	Intro to French Literature II		_____
Electives			_____
FRS 300-, 400- level		4	_____
FRS 300-, 400- level		4	_____
FRS 300-, 400- level		4	_____
FRS 300-, 400- level		4	_____
FRS 400 (must be taken senior year)		4	_____
Study Abroad			_____
FRS 375	Study Abroad Portfolio (if studying abroad)	0-2	_____
Capstone			_____
FRS SCE	Senior Capstone Experience	2-4	_____
Total Credits		**34-38**	_____

For students beginning FRS at the 100 or 200 level, FRS 201 Intermediate French I and/or FRS 202 Intermediate French II may count toward the major

As a general rule, at least four of the courses must be taken at Washington College, unless otherwise agreed upon by the faculty advisor.

The Department strongly encourages students to complete a study abroad semester or year (or a summer program if pre-approved by the Department) in French. In some cases, study abroad may be necessary in order to complete all the coursework. As part of their study abroad experience, students complete a study abroad portfolio (FRS 375 Study Abroad Portfolio). Students should consult with both the Global Education Office (GEO), which administers study abroad programs, and the French faculty when planning a study abroad experience to ensure the chosen program meets major and other requirements.

To improve fluency, enrich course work, and further the interest in customs and cultures, language students are encouraged to speak the foreign language on a daily basis with native French assistants. The language assistants are also available to students at informal meetings of the French Culture Club throughout the year. All students are invited to participate in the cultural activities sponsored by the language clubs, Honor Societies, and the department.

Teacher Training

Students planning to earn certification for secondary school teaching in a foreign language should consult with the World Languages and Cultures Department Chair and the Education Chair during the first year, no later than their sophomore year.

Major

- German Studies Major (p. 228)
- Hispanic Studies Major (p. 230)
- International Literatures and Cultures Major (p. 233)

Minor

- European Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/european-studies-minor/)
- French Studies Minor (p. 227)
- German Studies Minor (p. 229)
- Hispanic Studies Minor (p. 231)

Certificate

- Intermediate Language Micro-credential (p. 232)
- Secondary Education Certification Program (p. 94)

French Studies Minor

Department of World Languages and Cultures (p. 211)
Division of Humanities and Fine Arts

French Studies Minor Requirements

Students beginning with 101, 102, or 201 must complete six courses as listed below. Courses below their original starting level do not count toward the minor.

Code	Title	Credits	Notes
Required courses			_____
FRS 101	Elementary French I	4	_____
FRS 102	Elementary French II	4	_____
FRS 201	Intermediate French I	4	_____
FRS Course		4	_____
FRS Course		4	_____
FRS Course		4	_____
Total Credits		**24**	_____

Students beginning with 202 or above must complete 5 courses (at least one must be at the 400 level) as listed below.

Code	Title	Credits	Notes
Required courses			_____
FRS 202	Intermediate French II	4	_____
FRS 200 or higher		4	_____
FRS 200 or higher		4	_____
FRS 200 or higher		4	_____
FRS 400 level		4	_____
Total Credits		**20**	_____

Major

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- German Studies Major (p. 228)
- Hispanic Studies Major (p. 230)
- International Literatures and Cultures Major (p. 233)

Minor

- European Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/european-studies-minor/)
- German Studies Minor (p. 229)
- Hispanic Studies Minor (p. 231)

Certificate

- Intermediate Language Micro-credential (p. 232)

German Studies Major

Department of World Languages and Cultures (p. 211)
Division of Humanities and Fine Arts

German Studies Major Requirements

The German Studies major requires at least eight courses (32 credits) at the 200, 300 and 400 levels and completion of the Senior Capstone Experience.

Code	Title	Credits	Notes
Required Courses		**12**	_____
GRS 301 & GRS 302	Advanced German Proficiency I and Advanced German Proficiency II (or equivalent taken abroad)		_____
GRS 304	German Civilization		_____
or GRS 305	Introduction to German Literature		_____
Electives [1]		**20**	_____
GRS 300-, 400- level			_____
GRS 300-, 400- level			_____
GRS 300-, 400- level			_____
GRS 300-, 400- level			_____
GRS 400 level (must be taken senior year)			_____
Study Abroad Portfolio, if studying abroad GRS 375		**0-2**	_____
Senior Capstone Experience (GRS SCE)		**2-4**	_____
Total Credits		**34-38**	_____

[1] For students beginning GRS at either the 100 or 200 level, 200 level courses may count toward the major. Additional courses for German Studies: After consultation with the faculty in the German program, students may take one course from outside the German Program for credit toward the major or minor, if these courses contain substantial work done in German under the supervision of the faculty. The following courses are recommended. This list is not exclusive. HIS 360 Modern Germany. MUS 204: History of Western Music: Classical to Romantic. POL 344: Comparative Government: Western Europe.

NOTES:

As a general rule, at least four of the major courses must be taken at Washington College, unless otherwise agreed upon by the faculty advisor.

The World Languages & Cultures Department encourages students to enrich their knowledge of the foreign culture they are studying by taking related courses from other departments and in some cases, these courses may be counted toward the major.

The Department further strongly encourages students to complete a study abroad semester or year (or a summer program, if pre-approved by the Department) in German. In some cases, study abroad may be necessary in order to complete all the coursework. As part of their study abroad experience, students complete a study abroad portfolio (GRS 375 Study Abroad Portfolio). Students should consult with both the Global Education Office (GEO), which administers study abroad programs, and the German faculty when planning a study abroad experience to ensure the chosen program meets major and other requirements.

To improve fluency, enrich course work, and further the interest in customs and cultures, language students are encouraged to speak the foreign language on a daily basis with native German assistants. The language assistants are also available to students at informal meetings of the German Club throughout the year. All students are invited to participate in the cultural activities sponsored by the language clubs, Honor Societies, and the department.

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German Studies Minor

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Division of Humanities and Fine Arts

German Studies Minor Requirements

Students who begin a language with 101, 102, or 201 must take a total of six classes in order to obtain the minor. Courses below their original starting level do not count toward the minor.

Code	Title	Credits	Notes
Required courses			_____
GRS 101	Elementary German I	4	_____
GRS 102	Elementary German II	4	_____
GRS 201	Intermediate German I	4	_____
GRS course		4	_____
GRS course		4	_____
GRS Course		4	_____
Total Credits		**24**	_____

Students who begin with 202 or above must take a total of five classes, at least one of which must be at the 400 level.

Code	Title	Credits	Notes
Required courses			_____
GRS 202	Intermediate German II	4	_____
GRS 200 or higher		4	_____
GRS 200 or higher		4	_____
GRS 200 or higher		4	_____
GRS 400 level		4	_____
Total Credits		**20**	_____

Major

- French Studies Major (p. 226)
- German Studies Major (p. 228)
- Hispanic Studies Major (p. 230)
- International Literatures and Cultures Major (p. 233)

Minor

- European Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/european-studies-minor/)
- French Studies Minor (p. 227)
- Hispanic Studies Minor (p. 231)

Certificate

- Intermediate Language Micro-credential (p. 232)

Hispanic Studies Major

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Division of Humanities and Fine Arts

Hispanic Studies Major Requirements

The Hispanic Studies major requires at least eight courses (32 credits) at the 200, 300 and 400 levels and complete the Senior Capstone Experience.

HPS major requirements if the student does study abroad are listed below:

Code	Title	Credits	Notes
HPS 301	Advanced Spanish Composition and Convers (or equivalent taken abroad)	4	_____
HPS 305	Introduction to the Literature/Culture	4	_____
HPS 300-, 400- level		4	_____
HPS 300-, 400- level		4	_____
HPS 300-, 400- level		4	_____
HPS 300-, 400- level		4	_____
HPS 400- level [1]		4	_____
HPS 400- level (taken senior year)		4	_____
HPS 375	Study Abroad Portfolio	2	_____
HPS SCE	Senior Capstone Experience	2-4	_____
Total Credits		**36-38**	**_____**

- [1] One HPS 400 course must be taken at Washington College.

  Students may count 1 course in International Literatures and Cultures (ILC) course in English for the major if written work is done in Spanish
- Students beginning HPS at the 100 or 200 level, HPS 201 or HPS 202, may count the courses toward the major
- As part of their study abroad experience, students complete a study abroad portfolio HSP 375 Study Abroad Portfolio. Students should consult with both the Global Education Office (GEO), which administers study abroad programs, and the HPS faculty when planning a study abroad experience to ensure the chosen program meets major and other requirements.

HPS major requirements if the student does not study abroad are listed below:

Code	Title	Credits	Notes
HPS 301	Advanced Spanish Composition and Convers	4	_____
HPS 305	Introduction to the Literature/Culture	4	_____
HPS 300-, 400- level		4	_____
HPS 300-, 400- level		4	_____
HPS 300-, 400- level		4	_____
HPS 300-, 400- level		4	_____
HPS 400- level		4	_____
HPS 400- (taken senior year)		4	_____
HPS SCE	Senior Capstone Experience	2-4	_____
Total Credits		**34-36**	**_____**

- Students may count 2 International Literatures and Cultures (ILC) courses in English for the major, if the written work is in Spanish.
- For those students beginning HPS at either the 100 or 200 level, HPS 201 or HPS 202 will count toward the major.

The World Languages & Cultures Department encourages students to enrich their knowledge of the foreign culture they are studying by taking related courses in other subjects.

To improve fluency, enrich course work, and further the interest in the customs and cultures, language students are encouraged to speak the foreign language on a daily basis with native Spanish assistants. The language assistants are also available to students at informal meetings of the Foreign Language Club throughout the year. All students are invited to participate in the cultural activities sponsored by the language clubs, Honor Societies, and the department.

Teacher Training

Students planning to earn certification for secondary school teaching in a foreign language should consult with the World Languages and Cultures Department Chair and the Education Chair during the first year, no later than their sophomore year.

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Minor

- French Studies Minor (p. 227)
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- Hispanic Studies Minor (p. 231)
- Latin American Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/latin-american-studies-minor/)

Certificate

- Intermediate Language Micro-credential (p. 232)
- Secondary Education Certification Program (p. 94)

Hispanic Studies Minor

Department of World Languages and Cultures (p. 211)
Division of Humanities and Fine Arts

Hispanic Studies Minor Requirements

Students beginning with 101, 102, or 201 must complete 6 courses as listed below. Courses below their original starting level do not count toward the minor.

Code	Title	Credits	Notes
Required courses			_____
HPS 101	Elementary Spanish I	4	_____
HPS 102	Elementary Spanish II	4	_____
HPS 201	Intermediate Spanish I	4	_____
HPS course		4	_____
HPS course		4	_____
HPS course		4	_____
Total Credits		**24**	_____

Students beginning with 202 or above must complete 5 courses (at least 1 must be at the 400 level) as listed below.

Code	Title	Credits	Notes
Required courses			_____
HPS 202	Intermediate Spanish II	4	_____
HPS 200 or higher		4	_____
HPS 200 or higher		4	_____

HPS 200 or higher	4	_____
HPS 400 level	4	_____
Total Credits	**20**	_____

Major

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Minor

- European Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/european-studies-minor/)
- French Studies Minor (p. 227)
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Certificate

- Intermediate Language Micro-credential (p. 232)

Intermediate Language Micro-credential

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Micro-Credential in Intermediate Language Skills Requirements

The Micro-credential in Intermediate Language Skills can be pursued in one or more of the following languages: Chinese, French, German, and Spanish. This micro-credential is designed to teach students linguistic skills—speaking, reading, listening, and writing—through an intermediate-level proficiency.

Students completing this micro-credential will be able to:

- Identify the topic and related information in short informational and fictional texts.
- Identify the main idea in short conversations.
- Ask appropriate follow-up questions during interactions.
- Discuss familiar topics and ask appropriate follow-up questions.
- Present personal information.
- Express preferences and explain feelings about familiar topics.

Requirements:

1. Four introductory and intermediate language courses in the same language:

Code	Title	Credits	Notes
CHN 101	Elementary Chinese I	4	_____
or FRS 101	Elementary French I		_____
or GRS 101	Elementary German I		_____
or HPS 101	Elementary Spanish I		_____
CHN 102	Elementary Chinese II	4	_____
or FRS 102	Elementary French II		_____
or GRS 102	Elementary German II		_____
or HPS 102	Elementary Spanish II		_____
CHN 201	Intermediate Chinese I	4	_____
or FRS 201	Intermediate French I		_____
or GRS 201	Intermediate German I		_____
or HPS 201	Intermediate Spanish I		_____
CHN 202	Intermediate Chinese II	4	_____
or FRS 202	Intermediate French II		_____

or GRS 202	Intermediate German II	_____
or HPS 202	Intermediate Spanish II	_____

Students whose immersion placement scores place them into 102-level can receive credit for the 101-level requirement of this micro-credential. They will thus complete the micro-credential with 102, 201, and 202.

2. One oral presentation and interview proctored by a member of the appropriate language division (This may be part of the requirements for the 202-level course.)

Students may use courses taken for this micro-credential to fulfill the language requirement or the requirements for an International Studies or Business major.

Students may not receive both this micro-credential and a minor or major in the same language.

Students whose immersion placement scores place them into 201-level or higher are not eligible for this micro-credential. They should consider pursuing a major, a minor, or another language-related micro-credentials.

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Minor

- Asian Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/asian-studies-minor/)
- European Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/european-studies-minor/)
- French Studies Minor (p. 227)
- German Studies Minor (p. 229)
- Hispanic Studies Minor (p. 231)
- Latin American Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/latin-american-studies-minor/)

International Literatures and Cultures Major

Department of World Languages and Cultures (p. 211)
Division of Humanities and Fine Arts

International Literatures & Cultures Major Requirements

The interdisciplinary major in International Literatures and Cultures (ILC) requires nine upper-level courses chosen in consultation with the advisor, from department courses, or related courses in other subjects as outlined below. In addition, students complete the Senior Capstone Experience.

The prerequisites for the major are completion of ANT 105 Introduction to Anthropology and study of a foreign language through the 202 level (or demonstration of proficiency at that level).

Code	Title	Credits	Notes
Select 1 Course From Below		**4**	_____
ANT 215	Sex, Gender, and Culture		_____
ANT 235	Cultures of Latin America		_____
ANT 320	Race and Ethnicity		_____
Select 8 Courses From Below. At least 4 courses should be foreign language, literature, or culture or a study abroad. At least 2 courses should be 400 or higher.		**32**	_____
ELEC 300-, 400- level			_____
ELEC 300-, 400- level			_____
ELEC 300-, 400- level			_____
ELEC 300-, 400- level			_____
ELEC 300-, 400- level			_____
ELEC 400- level			_____
ELEC 400- level			_____

Senior Capstone Experience (ILC SCE)	**2-4**	_____
Total Credits	**38-40**	_____

Students pursuing study in a language not offered at WC may use four culturally relevant courses in other subjects taught in English. The remaining four courses may be chosen from ILC courses offered, or appropriate courses from other subjects, such as History, Art, Music, Theatre, Philosophy, Humanities. The advisor and student work together to choose a language or culture, a particular theme (such as gender or ethnicity), a historical period, or a particular literary genre or form of cultural expression (such as the novel, poetry, drama, film, art, or music). Students may choose Chinese, Italian, or Arabic cultural studies as the central focus of the ILC major by combining appropriate study abroad with courses that are available on campus in those fields.

Nicole Grewling, Director

Major

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- Hispanic Studies Major (p. 230)

Minor

- Asian Studies Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/asian-studies-minor/)
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Certificate

- Intermediate Language Micro-credential (p. 232)

President's Note

President's Note

Washington College is a remarkable, historic institution with limitless opportunities for academic and personal growth and achievement. For 243 years, this institution has challenged curious minds to think critically, to follow new paths, and to discover lives of purpose. Academic excellence lies at the very heart of the student experience, ensuring that every student is well prepared to successfully transition from the undergraduate years to a career, service opportunity, or advanced educational pursuit of their choosing.

What you will find in the 2025-2026 College Catalog reinforces the strength of our academics, the excellence of our faculty, and the meaningful ways that our curriculum reflects our commitment to interdisciplinary and experiential learning. You will see the depth of academic majors, minors, programs, and concentrations, designed to meet the needs of today's students. Students participating in the curriculum find an enriching and collaborative environment supported by our outstanding faculty who serve as advisors, teachers, research partners, mentors, and more.

Education is at its best when we are all active participants in the process, learning from and alongside one another. What a joy it is to partner with the terrific faculty, staff and students who contribute in profound ways to our vibrant learning community every single day.

Mike Sosulski, Ph.D.

President

Provost's Note

The 2025-26 Washington College Catalog introduces the remarkable learning opportunities at our small but mighty liberal-arts college. In addition to the dedicated people, rich resources, and extraordinary location that helps shape the Washington College experience, at the heart of a great college education are the choices each student makes to shape a learning path that is right for them.

Making good choices requires knowing the opportunities. In this catalog is extensive information on academic programs, experiential learning, internships, study abroad, campus life and student affairs, scholarships, financial aid, awards and honors, and much more.

The catalog is also the chief repository of policies, rules, and recommendations so students can make the wisest use of their time at the college.

The following pages will answer a lot of questions, and open students' eyes to the amazing opportunities at Washington College in the classroom and beyond. If what you read here sparks more questions, please reach out to any faculty or staff member, program director, department chair—or me. You can email me at kkim2@washcoll.edu (mharvey2@washcoll.edu).

Kiho Kim, PhD (he/him)

Provost and Dean of the College

General Information

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Vision, Mission, Values

Mission Statement

Washington College challenges, inspires, and empowers emerging citizen leaders to discover and pursue successful lives of purpose and passion.

Core Values

We share these values of our founding patron, George Washington: integrity, determination, curiosity, civility, leadership, and moral courage.

We offer academic rigor and self-discovery in a supportive, residential community of well-qualified, diverse, and motivated individuals. We develop in our students habits of analytic thought and clear communication, aesthetic insight, ethical sensitivity, and civic responsibility.

Unhurried conversation and close connections with an exceptional faculty and staff complement a broad curriculum of study. A beautiful campus, ready access to exciting cities and the Chesapeake Bay, and engagement with cultures and communities locally and around the world afford our students ample resources and opportunities for personal exploration and shared challenges.

We prepare our students for rich and fulfilling lives; for myriad and unpredictable opportunities; for a lifetime of learning, leadership, and productive endeavor.

Vision Statement

The enduring values of Washington College—critical thinking, effective communication, and moral courage—move the world.

Americans with Disabilities – Class accommodations

Discrimination, Harassment, and Disabilities Policies

Statement on Discrimination

Washington College does not discriminate on the basis of race, sex, color, national or ethnic origin, age, religion, marital status, disability, sexual orientation, gender identity, gender expression, genetic information, or any other legally protected classification in the administration of any of its educational programs and activities or with respect to admission and employment.

The designated coordinator to ensure compliance with Section 504 of the Rehabilitation Act of 1973 is

Director of the Office of Academic Skills and 504/ADA Coordinator
Miller Library, Washington College
300 Washington Avenue
Chestertown, Maryland 21620
410) 778-8833

For additional information and/or to file a complaint, contact the

Director of Civil Rights
U.S. Department of Education
Office of Civil Rights
The Wanamaker Building
100 Penn Square East, Suite 515

Philadelphia, PA 19107

or local fair employment practices agencies.

Sexual Harassment & Discrimination Policy

Washington College complies with Title IX of the Educational Amendments of 1972, as well as the Title IX regulations released by the Department of Education August 2020. The policy also covers sexual misconduct that does not fall within new federal regulations. This policy applies to all students, student organizations; College employees and contractors, including faculty, staff, and administrators; and all other persons who participate in the Washington College educational program. Washington College is committed to protecting the privacy and confidentiality are involved in a report of prohibited conduct.

The designated individual to ensure compliance with Title IX and related provisions of the Clery Act, VAWA and Maryland State law is Gregory H. Krikorian, who serves in this capacity as Title IX Coordinator, gkrikorian2@washcoll.edu, 410-810-7425.

Prohibited Conduct includes:

- Quid Pro Quo Sexual Harassment
- Hostile Environment Sexual Harassment
- Sexual Assault
- Dating Violence
- Domestic Violence
- Stalking

Substantial details within the policy include specific information related to:

1. Reporting
2. Mandated reporting
3. Advisors & Resources for Support
4. Supportive Measures
5. Investigation
6. Formal Complaints
7. Participants rights and responsibilities
8. Informal Resolution
9. Adjudication
10. Sanctions
11. Appeal

Title IX policies and information also include student and staff training, community-based resources, the biennial Sexual Assault Climate survey. Detailed information on Title IX policies at Washington College, can be found at www.washcoll.edu/title-ix/index.php (http://www.washcoll.edu/title-ix/).

Students with Disabilities Policy

Disability Services, a part of the Office of Academic Skills, provides information, support, and accessibility accommodations for individuals with disabilities on campus. Accessibility accommodations are provided in compliance with the Americans with Disabilities Act (ADA) of 1990, the Amendments Act (ADA AA) of 2008, and Section 504 of the Rehabilitation Act of 1973. If you are a student with disabilities and you would like to request accommodations, please review and follow the Accommodation Request Process found on the Disability Services webpage, washcoll.edu/people_departments/offices/disability-services/for-students.php (http://washcoll.edu/people_departments/offices/disability-services/for-students.php). Students are encouraged to request accommodations as early in the semester as possible to ensure timely access to programs and facilities. If you need assistance with the process or have any questions or concerns, please contact the Disability Access Specialist, or the Director of the Office of Academic Skills.

Diversity Statement

Diversity and free expression are core values of a Washington College education. Our campus culture welcomes and celebrates a broad spectrum of backgrounds and perspectives, and we strongly believe that giving voice to diverse communities is an essential component of a rich and vibrant liberal arts experience.

The students, faculty, staff, and Board of Visitors and Governors of Washington College, welcome, invite, value, and support a diverse community of individuals. We strive to create a place where all can study, work, and thrive. We believe in the worth, dignity, and safety of human beings of all races, ethnicities, nationalities, gender identities and/or expressions, sexual orientations, socioeconomic statuses, cultural backgrounds, cognitive or physical abilities, emotional and behavioral characteristics, ages, and educational levels. In the pursuit of academic excellence, we endeavor to be a community made up of people from a variety of backgrounds with differing perspectives, life experiences, religious, philosophical, and political beliefs, lifestyles, and ideologies.

We pledge to create a respectful and supportive environment for collaboration, empathy, and the building of meaningful relationships among members of Washington College. We commit to fostering a more equitable, inclusive, and engaged community that embraces all the complexity that each person brings to campus.

- We will empower all members to contribute ideas, ask questions, contest assumptions, and revise points of view through civil debate.
- We will confront and challenge attempts to dehumanize others through prejudiced attitudes, behaviors, and practices that exclude, demean, or marginalize any individual or group.
- We will encourage alumni, parents, visitors, guests, and the wider community to respect and embrace the values and behaviors that we embody.

Our promise is to cultivate a continuous desire and ability to understand and meaningfully engage with different perspectives and experiences. We seek to contribute to the full intellectual and emotional development of every person and to the enrichment of our local, regional, national, and global communities.

Academic Calendar 2025-2026

Fall 2025

Day	Date	Event
Thurs	August 1	Fall Tuition Due
Mon	August 11	Submit Incomplete (Spring, Spring 2nd Half & Summer) Assignments
Mon	August 18	Incomplete GRADES DUE (Spring, Spring 2nd Half, Summer)
Mon	August 25	Fall Semester Classes Begin
Thur	August 28	Fall Convocation
Mon	September 1	NO CLASSES - Labor Day (offices closed)
Wed	September 3	Last Day to Drop/Add, Request Audit
Wed	September 10	SCE Incomplete GRADES DUE (Spring & Summer)
Wed	September 10	Last Day to Request Pass/Fail Grading Option
Fri	September 26	1st Half Semester Last Day to Withdraw
Wed	October 8	1st Half Semester Last Day
Wed	October 8	Midterm GRADES DUE at 12:00 noon
Thur-Fri	October 9-10	NO CLASSES - Fall Break (offices open)
Tues	October 14	1st Half Semester Classes GRADES DUE at 12:00 noon
Fri	October 17	Spring Registration for SENIORS Opens
Mon	October 20	2nd Half Semester First Day of Classes
Fri	October 24	1st Half of Semester Incomplete GRADES DUE at 12:00 noon
Fri	October 24	Spring Registration for JUNIORS Opens
Wed	October 29	NO CLASSES - Fall Advising Day (offices open)
Fri	October 31	Spring Registration for SOPHOMORES Opens
Fri	November 8	Last Day to Withdraw From Fall Full Semester Classes
Fri	November 7	Spring Registration for FRESHMEN Opens
Mon	November 14	Spring Semester Drop/Add Online Opens via Self-Service
Fri	November 21	2nd Half Semester Classes Last Day to Withdraw
Wed-Fri	November 26-28	NO CLASSES - Thanksgiving Break (offices closed)
Fri	December 5	Last Day Fall Full Semester Classes

Mon-Fri	December 8-12	Final Exams
Tues	December 17	Fall Full Semester GRADES DUE at 12:00 noon
Mon	December 20	Offices Close at 4:30 p.m. for Winter Break

Spring 2026

Day	Date	Event
Fri	January 2	Offices Open
Fri	January 2	Spring Tuition Due
Mon	January 5	Submit Incomplete Fall Work
Mon	January 12	Incomplete Fall GRADES DUE at 12:00 noon
Mon	January 19	NO CLASSES - Martin Luther King Jr. Day (offices closed)
Tues	January 21	Spring Semester Classes Begin
Wed	January 28	Last day to Drop/Add or Request an Audit
Tues	February 6	SCE Incomplete (Fall) GRADES DUE
Tues	February 10	Last Day to Request Pass/Fail Grading Option
Fri	February 20	Washington's Birthday Convocation
Fri	February 20	1st Half Semester Classes Last Day to Withdraw
Wed	March 4	Midterm GRADES DUE tat 12:00 noon
Fri	March 6	1st Half Semester Classes Last Day
Mon-Fri	March 9-13	NO CLASSES - Spring Break (offices open)
Mon	March 16	2nd Half Semester Classes First Day
Tues	March 17	1st Half Semester GRADES DUE at 12:00 noon
Fri	March 20	1st Half Semester Incomplete GRADES DUE at 12:00 noon
Fri	March 20	Fall registration for JUNIORS & Non-Graduating SENIORS Opens
Wed	March 25	NO CLASSES Spring Advising Day (offices open)
Fri	March 27	Fall Registration for SOPHMORES Opens
Fri	April 3	Fall Registration for FRESHMEN Opens
Fri	April 10	Last Day to Withdraw from Spring Full Semester Classes
Mon	April 13	Drop/Add Online for Students via Self-Service Opens
Fri	April 17	2nd Half Semester Classes Last Day to Withdraw
Fri	May 1	Last Day of Spring Semester Classes - Thesis Due (if not required earlier)
Mon-Fri	May 5-9	Final Exams
Tues	May 12	Spring Semester Final GRADES DUE at 12:00 noon
Sun	May 17	243rd Commencement

Summer 2025

Day	Date	Event
Tues	May 26	Summer Regular Session Begins
Thur	May 29	Last day to Drop/Add, Request Audit, for Regular Session ONLY
Fri	June 12	Last Day to Withdraw for Summer Regular Session ONLY
Fri	June 19	NO CLASSES - Emancipation Day (offices closed)
Mon	June 22	Last Day of Summer Regular Session
Tues	June 24	Summer Bridge Session Classes Begin

Thur	June 25	Deadline - Final Grades - Summer Regular Session Classes
Fri	July 3	NO CLASSES - Independence Day (offices closed)
Fri	July 10	Last Day to Withdraw for Summer Bridge Classes
Mon	August 10	Last Day for Summer Bridge Classes
Fri	August 14	Deadline – Final Grades – Summer Bridge Session Courses ONLY

A Brief History

The first college of the new nation, Washington College was founded in 1782 to educate citizens for the vital task of democracy. So closely linked to the creation of a new nation, our history truly distinguishes Washington College from other selective liberal arts colleges in the country. Prominent among the colonial leaders who worked to establish this institution of higher education to prepare the citizens of a new democracy was our nation's first president, George Washington.

"I am much indebted," Washington wrote in 1782, "for the honor conferred on me, by giving my name to the College at Chester." In this letter to his friend, the Reverend Dr. William Smith, General Washington also expressed the hope that the fortunes of the incipient college would prosper and donated "the trifling sum of Fifty Guineas as an Earnest of my wishes for the prosperity of this seminary." Two years later he consented to serve as a member of the Board of Visitors and Governors, a position he occupied until 1789 when he became President of the United States. He accepted an honorary degree from Washington College in 1789.

Yet more important than the gifts of his money, time, and name, George Washington shared with this "infant seat of learning" his vision for a better future achieved through education. He knew that it would take an educated citizenry to put the new nation on the right track, to lead government, to start businesses, to promote peace. He also understood that by granting the College at Chester permission to bear his name, it would forever be linked to the ideals he valued. Our mission—to prepare our students to make meaningful contributions in their world—remains the same two centuries later, and those values of scholarship, character, leadership, and service to others continue to resonate at Washington College.

The College's first president, the Rev. William Smith, was a prominent figure in colonial affairs of letters and church and had a wide acquaintance among the great men of colonial days. Joining General Washington on the Board of Visitors and Governors of the new college were such distinguished leaders as John Page, Robert Goldsborough, Joshua Seney, and His Excellency William Paca, Governor of Maryland. The Maryland legislature confirmed its first college charter upon Washington College on October 15, 1782. The following spring, on May 14, 1783, the first commencement was held. The next year, 1784, Washington College became the first college in the nation to receive state governmental support, beginning a long partnership to further the education of young people in the state.

Washington College had evolved from the Kent County School, an institution of more than sixty years' standing in "Chester Town," which by 1782 had reached considerable strength and importance as a port city.

Washington College has in recent years launched a forthright examination of the institution's troubling historical legacy of racism and the urgent need to acknowledge and reconcile this history in order to dismantle racial injustices in the present moment. This legacy includes foundational connections to slaveholders, including George Washington and William Smith, and the slave trader who owned the imposing 18th-century structures—the Custom House and Hynson-Ringgold House—both now owned by the College. The legacy also includes a long history of segregation and the courage of the College's first Black graduate, Thomas Edgar Morris, in 1962. Other heroes in this history include Thomas Bowser, a member of Kent County's thriving community of free people of color, who was honored by the College for extinguishing a fire on campus in 1817.

Today, Washington College takes full advantage of its unique place in our nation's history, its distinctive environmental setting in the Chesapeake Bay region, and its proximity to urban centers of political power, through academic programs, internship opportunities, and various partnerships. Located on Maryland's Eastern Shore, the College is seventy-five miles from Baltimore, Washington, DC, and Philadelphia.

Force of Publication & Accreditation

While every effort is made to ensure the accuracy of the information provided in this Catalog as of its publication date, it must be understood that all courses, course descriptions, designations of instructors, curricular and degree requirements, and other academic information contained herein are subject to change or elimination at any time without notice or published amendment to the Catalog. In addition, Washington College reserves the right to make changes at any time, without prior notice, to other programs, policies and regulations, procedures, fees and charges, and other information that is described in this catalog.

Washington College's website (https://www.washcoll.edu/), Catalog, Handbooks, and any other printed materials or electronic media for general guidance is provided upon request. Individuals assume any risks associated with relying upon such information without checking other credible sources such as the student's faculty advisor, the Provost, the Registrar, and other senior officers of the college. In addition, a student's or prospective student's reliance upon information contained within these sources when making academic decisions does not constitute, and should not be construed as a contract with the College.

Accreditation

Washington College is accredited by Middle States Commission on Higher Education (MSCHE).

As an institutional accreditor, MSCHE requires evaluation of all aspects of the institution holistically, including modality of instruction, and everything done in the name of the institution, including all academic programs and services, fall within their scope of accreditation.

WC Member Organizations:

- American Association of Colleges and Universities, the Annapolis Group
- American Association of Collegiate Registrars & Admission Officers (AACRAO)
- American Chemical Society
- American Council on Education.
- Centennial Conference
- Chesapeake & Potomac Association of Collegiate Registrars & Admissions Officers (CAPACRAO)
- The College Board
- Council of Independent Colleges
- Independent College Fund of Maryland
- Maryland Independent College and University Association
- National Association of Independent Colleges and Universities

Academic/College Resources

- Academic Skills Office (OAS) (p. 240)
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- American Chemical Society Student Members Chapter (p. 241)
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Academic Skills Office (OAS)

Amy Cawood, Director

The Office of Academic Skills, located on the second floor of Miller Library, is available to all students who wish to acquire learning strategies and receive support as they progress through the Washington College academic program. Through individualized guidance, the OAS Specialist for Academic Support and Peer Tutors partner with students as they learn and practice the skills needed to become active and independent learners in a collegiate environment. Examples of these skills include discipline-specific study strategies, strategies for time management, test-taking, and managing test anxiety, and reading skills for comprehension and retention. Additionally, Peer Tutors are available to provide assistances in a variety of subjects including natural sciences, social sciences, and humanities based content.

Disability Access

Disability Services, a part of the Office of Academic Skills, provides information, support, and accessibility accommodations for individuals with disabilities on campus. Our mission is to ensure that all students, employees, and visitors have equal access to programs and services available at Washington College.

Advising

The Academic Advising Program

The goals of our faculty approved academic advising approach include:

- Enable students to take responsibility for designing their programs of study.
- Assist students in designing a program within the liberal arts framework that is clearly related to interests or career goals.
- Encourage and assist the student to explore and articulate interests or career goals.
- Encourage students to take a reasoned, contemplative approach to designing a program of study.
- Ensure students are fully informed about all available options and that the course of study is designed to meet the student's individual goals.
- Provide advisors who meet personally with the student to support the student's academic program and help them explore changing academic interests and career goals.
- Ensure all advisors have current and detailed course offering information and are aware of the variety of options offered to students.

The Faculty Advisor

New students are assigned to a first-year faculty advisor after they have registered for their first semester classes. First-year faculty advisors are well-prepared for this task and work with their advisees until they declare a major, even if the student does not declare a major until their second year at the College. Once the student selects one or more majors, they are assigned to a member of the department as major advisor. Students should be particularly careful when arranging their academic programs and must consult regularly with their advisor(s) to ensure compliance with all graduation requirements and fulfillment of specific upper-level course prerequisites. The final responsibility for meeting all the academic requirements rest with the individual student.

The Registrar's Office sends major declaration information to any student who has completed at least one semester of study and is still undeclared; students who have completed at least 48 credit hours and remain undeclared will receive a final reminder of their obligation to select a major by the end of their fourth semester at the College; students who have completed at least 60 credit hours and achieved junior standing will have their first-year faculty advisor removed and will be advised by the Registrar or the Assistant Dean of Advising and Academic Advocacy until they successfully declare a major.

Both advisors and students have a responsibility in advising. It is essential that both take the matter seriously if students are to achieve a meaningful and successful program of study. In the dialogue between advisors and students, advisors serve in two capacities: to interpret the College and its goals for students, and to encourage students to gain understanding of their potential and how it may be developed. In a very practical way, advisors are sources of information for students. They explain campus rules and customs, clarify special programs and requirements, and collaborate with the student to help achieve their vision for postsecondary education and career pursuits.

When students have questions or problems, they should contact their faculty advisor. Although the College schedules advising sessions each semester, the real benefits of such an advising system are realized through more frequent meetings between student and advisor. The College's advising program intends good working relationships to develop. However, students and their advisors do not always relate well, and the student is free to ask the Assistant Dean of Advising and Academic Advocacy for a change of advisor. This request should be made in writing.

Among the faculty, students find friends as well as advisors, and they are urged to foster such friendships. Herein lies the great value of a small, liberal arts college and the education it provides. The benefits of personal attention and assistance under the advising system derive from close association among students, faculty, and administrative officers—an association rarely possible at large colleges or universities. The academic advising system is under general direction of the Office of the Provost and Dean of the College. The Assistant Dean of Advising and Academic Advocacy, the Registrar, and the student's instructors are also on hand to help with advising.

American Chemical Society Student Members Chapter

The Student Affiliates of the American Chemical Society Chapter are strongly committed to the celebration and promotion of chemistry education on campus and in the community through various events including lectures, field trips, and the celebration of National Chemistry Week. They regularly participate in outreach activities to local schools and organize an annual explosive pumpkin carving event for the community each fall. The club is open to anyone who has a passion for learning about and/or sharing their knowledge of chemistry.

Brown Advisory Student-Managed Investment Fund Program

Students from any major can participate in the Brown Advisory Student-Managed Investment Fund Program and help manage an equity fund valued at over $1.5 million. Under the mentorship of an Executive in Residence and Strategic Advisor of Brown Advisory, students learn to analyze and report on stocks, and then execute trades worth tens of thousands of dollars. The program includes career preparation, presentations by visiting business leaders, and intensive work over the semester to help prepare students for a career in the investment field. Networking events and special opportunities such as attendance at shareholder meetings allow students to acquire valuable real-world knowledge.

Career Development (Center for) & Internships

Washington College students have multiple opportunities to become engaged in experiences designed to enhance learning outside the classroom. Our proximity to the major cities, Washington, DC, Baltimore, and Philadelphia as well as the Delmarva Peninsula, makes it possible for students to gain experience as members of premier governmental, commercial, and artistic organizations while undertaking externships/job shadowing, internships, and participation in a variety of model programs. These experiences enhance and expand theoretical knowledge obtained through traditional coursework.

The Center for Career Development supports students through a process of self-discovery, strengths development, career exploration, and experiential learning. Internships, job shadowing, and engagement in campus and community life prepare students for post-graduate opportunities. Small group and individual career counseling is available with professional career educators and coaches who assist with graduate and professional school searches and applications. More information on the Center for Career Development can be found at careerconnx.washcoll.edu/ (http://careerconnx.washcoll.edu/).

Internships/Research Opportunities

Students pursue internships and research for a variety of reasons. Working under the close supervision of seasoned professionals provides a unique opportunity to learn about possible career pathways. Some students do internships or research solely for the valuable experience they provide, and these are recorded using an online system. At graduation, a student can request a letter from the Registrar's Office that lists all non-credit experiences completed outside of the classroom.

With the addition of an academic plan of study, these may be done for academic credit. Internships and research for academic credit are documented using an online system. Although academic credit for internship experiences may vary, many students may earn between two and four credits upon successful completion of approximately 140 to 500 hours of applied experience. Learning goals are established prior to the beginning of each opportunity and evaluated by the faculty advisor upon completion. Internships and research provide experience that students may apply toward their degree by earning up to 16 credits. The Center for Career Development assists students with providing resources and tools to identify meaningful experiential learning opportunities.

Signature Internships

Washington College provides "Signature Internships" hosted by organizations which give special consideration to applications submitted by our students. Full descriptions of current opportunities are available at https://careerconnx.washcoll.edu/channels/internships/. Several are summarized below.

National Oceanic and Atmospheric Administration Summer Research/Internship Program

NOAA provides field and research opportunities across more than 40 different sites in the U.S. Along with several other prestigious liberal arts institutions, Washington College students compete for these positions to study marine and wildlife habitats. Most recently, students were accepted for dolphin research off the Pacific Coast, marine mammals in the Atlantic, oyster beds on Eastern Shore rivers, and stream run-off in the Chesapeake Bay.

University of California San Francisco, San Francisco, CA

A summer research opportunity hosted by a Washington College alumna. This is a valuable opportunity to work alongside a team of experienced scientists and is open to students interested in pursuing medical research as a career. An interview is required and the selection process is highly competitive.

The Washington Center for Internships and Academic Seminars

Full-time, semester-long or summer internships with a federal government, political, business, or non-profit agency in Washington, DC, are available for qualified students through the Washington Center for Internships and Academic Seminars. In addition to working as an intern four days a week, students participate in an academic course of their choosing and a leadership forum designed to help them understand the connection between their academic and professional goals. Students earn a full semester of academic credit in this domestic off-campus experience ranging from 9-12 credits. Sophomore status and a 2.8 minimum cumulative GPA is required. U.S. citizenship and a security clearance are required for appointments at certain government agencies.

Internship Opportunities by Major

Anthropology and Archaeology

Students interested in ethnographic research, cultural studies, or archaeological and GIS skills intern with the Smithsonian Museums, the U.S. Naval Academy Museum, in field schools here in the U.S. and abroad, as well as in an array of non-profits. The nearby Chesapeake Maritime Museum in St. Michaels offer students opportunities to study the watermen of Maryland's Eastern Shore. The Washington College GIP laboratory offers semester and summer internships on grant-related mapping projects in environmental studies, crime and justice, land use, and transportation.

Art

Internships allow art and art history students to work in various museum and curatorial settings including The Academy Art Museum in Easton, the Baltimore Museum of Art or The Walters Art Museum in Baltimore, as well as other galleries, art institutes, and art education outreach organizations around the nation. Students work under the supervision of the museum's professional staff and gain firsthand experience in a wide variety of museum activities.

Biology

Biology students have the opportunity to conduct summer research on campus as well as at other academic institutions and at field stations. They also engage in academic internships with research and policy focused nonprofits and government agencies (See Collaborative Research Opportunities below).

Business Management

Business Management students participate in many local, national, and international internships according to their field of interest. Internships are available with major financial providers, investment funds, banks, insurance companies, accounting firms, and other for profit and non profit enterprises. Examples Include Corbin Advisors, Legg Mason, J.P. Morgan, and NASDAQ. Locally, students have interned with Benchworks, a global pharmaceutical marketing firm, and Dixon Valve, a multinational corporation with headquarters and manufacturing in Chestertown.

Chemistry

A number of stipend-bearing internships and research opportunities exist for chemistry majors and minors. Summer on-campus research projects as well as summer and semester-long off-campus internships not only provide additional laboratory experience, but also allow students the opportunity to explore, in depth, areas of chemistry not covered in the core curriculum. Off-campus internships may or may not bear credit. On-campus summer internships are credit-bearing.

Economics

Opportunities are available in micro- and macro-interest areas, in international development, and in non-profits. For example, recent intern placements included: PNC Corporate and Institutional Banking Business Credit, RTI International Development Financial Analysis, T. Rowe Price U.S. Intermediaries, Queen Anne's County States Attorney, Society for Women's Health Research, NeighborWorks, a non-profit housing policy organization in Atlanta; and opportunities through the Washington Center (see below) with the Montgomery County, MD Bio Health Innovation Collaborative and the Mexican Embassy NAFTA Trade Desk in Washington, DC.

English

The Department of English offers a journalism internship on campus each year. Students work with a professional journalist in conjunction with the publication of the Elm and the Collegian. Each week students conduct a critical evaluation of the previous week's publication. Sessions on what constitutes effective work in various areas of news writing, such as feature articles, editorials, sports, and campus announcements, as well as how to lay out an interesting and communicative page, occur on a regular basis. The internship is open to all students interested in working on the Elm or the Collegian.

English majors also intern with publishing firms, publications and marketing organizations, radio, and media outlets, with commercial enterprises and non-profits. Recent examples of internships include Prestwick Press, The Summerset Review, and local newspapers.

Environmental Science and Studies

Internships in environmental science and studies education, wildlife and ecology management, environmental research and non-profit management are available at sites locally and nationally. Recently, environmental science and studies majors have interned with the National Oceanic and Atmospheric Administration, the Chesapeake Bay Foundation, and other colleges and universities such as Yale, Rutgers, and the University of Maryland. We have paid research and internship opportunities on campus with faculty in the Environmental Science and Studies Department and through our colleagues at The Center For Environment and Society (https://www.washcoll.edu/learn-by-doing/ces/) (CES). CES offers academic year and summer internships in its programs and labs, including the River & Field Campus, Foreman's Branch Bird Observatory, the Watershed Innovation Lab, GIP, and the Past Is Present Lab. CES also places students with its many external partners in the region, including ShoreRivers, Eastern Neck Wildlife Refuge, the National Aquarium in Baltimore, and state and federal agencies. Many of our students also do internships through the Starr Center for the Study of the American Experience's Explore America Program. Recently students have completed Explore America Internships at Longwood Gardens, the Delaware Center for Horticulture, and the National Aquarium.

History

History students are encouraged to explore internships with museums, archives, curatorial services, and history education outreach providers. More recently, students have interned with the National Park Service, Harper's Ferry, with the Smithsonian museums as well as with the National Archives. Student interns also have opportunities at the Historical Society of Kent County to organize archival resources, participate in preparing displays, and do research in government records and family papers. The Maryland Historical Society in Baltimore offers various internships involving research and administrative opportunities, including assistance with publication and publicity projects. A number of stipend/paid opportunities are available in the summer and are arranged by the Starr Center.

International Studies and Political Science

Most federal government internships are in Washington, DC, but some opportunities occur each year for interns to serve abroad as Junior Foreign Service Officers. Depending on the needs of the agency, interns are assigned junior-level professional duties, which may include research, report writing, correspondence, analysis of international issues, and assistance in cases related to domestic and international law. The department and program advisors help students prepare applications and find internships with government agencies. Students from Washington College have served in Bangladesh, Barbados, Bolivia, China, Costa Rica, Ecuador, El Salvador, Fiji, Gambia, Hong Kong, Indonesia, Ireland, Japan, England, New Zealand, Pakistan, the Philippines, Switzerland, Venezuela, and Washington, DC. Students also may complete internship experiences while studying abroad at some partner schools arranged through our Global Education Office.

Students interested in international human rights and social justice may opt to intern abroad with NGOs located here in the US or globally. Some students interested in foreign policy initiatives work with Washington, DC, think tanks such as the Brookings Institution or on Capitol Hill as staff to committees with oversight responsibilities for foreign policy and national security.

The Department of Political Science administers the Maryland General Assembly Internship Program, open to majors and non-majors. These internships offer a firsthand glimpse into the world of Maryland politics. Interns work for a state legislator in Annapolis for two days each week throughout the spring legislative session, which stretches from January through mid-April. Interns also meet on campus for a weekly seminar, which includes reading assignments and written work. Eight course credits are awarded for successful completion of the internship. Juniors and seniors who have a GPA of 3.0 are eligible. (POL 311 Congress & Political Polarization or POL 317 State and Local Politics is recommended.) Legislators provide interns with a stipend to cover expenses; however, students must arrange their own transportation to and from Annapolis. The faculty program director evaluates each intern's work in consultation with the legislator to whom the student has been assigned and the Assembly's intern coordinator in Annapolis.

The Washington College Institute for Religion, Politics, and Culture offers internships for qualified students in Washington, DC, through its partnership with the Disciples Center for Public Witness where students intern with faith-based organizations working on social justice issues.

Political Science and International Studies majors also frequently attend the program of the Washington Center for Internships and Academic Seminars.

Sociology; Justice, and Society; and Social Work

Undergraduates interested in sociology, the minor in justice, law and society, or the concentration in social welfare find integrative learning to be an important part of their experiences here at the College. Some courses require job shadowing and others, in social work for example, offer full semester internships. Future sociologists interested in analytics and data development have interned at the US Census Bureau and at Washington, DC, think tanks. Several others have found opportunities with local and state agencies as well as non-profits. Justice, law, and society students have interned with the Kent County State's Attorney, with the Washington, DC, Pretrial Services Agency, Mid-Shore Council on Family Violence, or with For All Seasons, a rape crisis agency serving several Eastern Shore Maryland counties, and Maryland and D.C. law firms. The Social Work program offers students the opportunity to interact directly with clients in a variety of community settings and under the supervision of agency professionals.

Physics

Opportunities are available for students to conduct collaborative research with department faculty. Many students have also pursued off-campus research opportunities or internships through Research Opportunities for Undergraduates (REUs), private industry, or the government.

Psychology

The Psychology Internship enables students to gain valuable practical experience while earning course credit. There are two main types of psychology interns: community interns and college wellness interns. *Community interns* provide psychological and supportive services in the greater Chestertown community throughout the year, or even at placements close to their home towns during the summertime. Common placements include inpatient and outpatient rehabilitation facilities, schools, physical and occupational therapy locations, early childhood centers, medical adult daycares, private practices, and summer camps. All community placements are pre-approved to ensure that students are supervised by a licensed or certified professional. *College wellness interns* develop outreach programming for the student body and promote proactive ways for students to thrive in college. Wellness Advocacy Coaches offer individual student support through weekly, drop-in evening hours. Other wellness interns specialize in creating social media to educate others and to inspire overall wellness. In addition to position-specific duties, community interns and college wellness interns have supervised meetings with a clinical/counseling psychology professor to help guide their learning experience. Psychology internships are a useful step toward preparing for careers and gaining graduate school admission in clinical psychology, professional counseling, social work, and allied health fields.

Theatre and Dance

Internships in professional theater allow theatre majors to work full-time as resident interns for professional theater companies. In past years students have interned for Arena Stage in Washington, DC, Center Stage in Baltimore, Philadelphia Theatre and the Play Penn in Philadelphia, and the Hartford Stage Company in Connecticut. Locally, they also work in the Church Hill Theatre and the Garfield Center for the Arts at the Prince Theatre. Theatre majors in either semester of their junior or senior year who have been accepted by a theater company, and who have received approval from the theatre department, are eligible. Interns are supervised by the department faculty and by a designated member of the theater company.

World Languages and Cultures

Students utilize their language skills while working in for-profit and nonprofit settings. Most recently, Spanish language students have interned with a Chilean company and with a Peruvian health care provider, and more locally have job shadowed at the Garnett Elementary School and with a non-profit family support group. French majors have worked with humanitarian organizations abroad as well as commercial enterprises in France.

Externships/Job Shadowing

An externship is a short, usually one- to three-day, experiential learning opportunity. A student visits an organization to learn about its missions and goals, ask questions about career paths, and explore fields of interest. Externships can be especially valuable in helping guide decisions about major and minor courses of study. Alumni, friends of the college, and parents of current or past students serve as hosts to the externs. Placements are made during winter and spring breaks. Externships are recorded as a non-credit bearing experience through the Office of the Registrar. More details are available at https://careerconnx.washcoll.edu/channels/externships (https://careerconnx.washcoll.edu/channels/externships/)/ (https://careerconnx.washcoll.edu/channels/externships/)

Environment & Society Center (CES)

The Center for Environment and Society (CES) at Washington College fosters innovative approaches to understanding people's place in their environment through experiential education, community & civic engagement, and research & innovation.

Experiential Education

- Chesapeake Semester: During the fall semester, students can participate in the Chesapeake Semester, which begins by exploring the rich ways people have shaped the Chesapeake landscape and ends with an international trip to conduct a comparative study.
- Environment & Society Fellows Program: This program consists of a cohort of students interested in the environment, whether as a major, minor, or area of focus.
- Research Vessels: CES houses two research vessels that are frequently used in Biology, Chemistry, and Environmental Science labs.

Community & Civic Engagement

- Muse: A Community Museum: Located at 210 S Cross St., MuSE is a space for exhibitions, learning, and dialogue among Washington College's students, staff, faculty, and community members.
- Community Partnerships: CES partners with community organizations to offer paid internships for students.
- Natural Lands Project: This project works to convert public and private land across Maryland's Eastern Shore into meadows, wetlands, and forests.

Research & Innovation

- Foreman's Branch Bird Observatory: Located on the 5,000-acre River and Field Campus, this observatory monitors spring and fall migration through bird banding.
- Chesapeake Places: Learn about the cultural heritage of the Chesapeake region.
- Geospatial Innovation Program (GIP): An innovation lab that provides experience and knowledge in mapping and spatial analysis.
- Watershed Innovation Lab: Engage in in-depth research focused on the Chester River.

Visit www.washcoll.edu/learn-by-doing/ces/index.php to learn more about the opportunities within CES. All resources provided by CES are open to everyone on campus who has an interest in the environment, regardless of their area of study or major.

Faculty-Led Study Abroad

Summer Exchange Partner Programs

Washington College has partnered with three universities abroad that permit Washington College students to participate in their summer semesters; these semesters work similarly to a fall/spring semester abroad: students apply through the Global Education Office (either by the fall or the spring deadline, with priority given to fall applicants) and participate in the same mandatory pre-departure workshops required for semester-long study abroad. The three partners are: Lingnan University in Hong Kong, Yonsei University in South Korea, and Universidad San Francisco Quito (USFQ) in Ecuador. (Brief descriptions of each of these schools is provided in the next section below). The coursework completed overseas will transfer back as Washington College credit/value/grades. Because these three programs work outside the regular semester parameters, students who participate will be charged the Summer Exchange Abroad fee of $1,500 in lieu of other Washington College tuition and fees. In addition, summer housing fees will be paid to Washington College and provided at the partner institution in the cases of Lingnan and Yonsei universities.

Short-Term Faculty-Led Study Abroad Courses

Washington College offers intensive two- to three-week travel/study experiences during winter or summer breaks. Led by Washington College faculty, these trips focus on a specific area of study and typically count as one 4-credit course. Policies regarding these courses are below.

Prior to the departure of the trip, students may elect to audit the course. Students may elect to take the course on a Pass/Fail basis, unless it is being used to fulfill a distribution or major requirement. Established Pass/Fail policies still apply: please review the Pass/Fail Option section above for further details.

Because of the brief nature and scheduling considerations related to short-term courses, students may not withdraw after departure; however, students may drop the course prior to departure (not all fees may be refundable).

Special Sessions

Washington College offers several intensive travel/study experiences, conducted under the guidance of professors during times when classes are normally not in session. Successful completion of these summer sessions earns academic credit.

January Session in Cuba: Cuban Music and Culture

Offered during the Winter Break, this course introduces students to anthropological, ethnomusicological, and ethnochoreological ethnographic fieldwork methods, including participant-observation, ethnographic interviews, and audio/video documentation techniques. Students will be exposed to both Afro-Cuban religious and Cuban popular expressive forms. They will learn about the interrelatedness of music, dance, visual arts, ritual, and religious beliefs, as well as with Cuban views on Cuban culture, gender, and race. Students will attend/observe both formal and informal music performances and take music and dance lessons where they will have an opportunity to engage musicians on a one-on-one basis. In addition to music-oriented activities, students will learn about Cuba's cultural and economic history by exploring Havana's rich museums, monuments, and plazas.

Summer Session in Bermuda

This summer course will investigate the complex ecology of the Bermuda Islands, the impact that human habitation has had on their natural history, and current environmental concerns and means of mitigating those concerns. Major areas of study will include (but not be limited to) coral reef ecology/symbioses, mangrove community ecology and environmental relevance, architectural and military influences during colonization, fisheries practices (past, present, and future) and current concerns and problems, and ecotourism and associated environmental impacts.

Summer Program in Ecuador

This three-week-long summer course, offered in conjunction with the Universidad San Francisco de Quito, will investigate many of the world's most distinctive species of plants, animals that inhabit the richly diverse ecosystems of Ecuador. Students will gain an understanding of Ecuador's social and economic issues and the challenges it faces as a developing country while attempting to conserve its natural resources. Topics investigated include conservation of the Amazon rain forest and oil exploration, ecotourism, biodiversity concerns, mangrove conservation and the fate of Galapagos tortoises and the Galapagos fisheries.

Summer Session at Kiplin Hall

During a three-week summer excursion to North Yorkshire, students experience the poetic landscape of England. Hiking the remote hills of the Lake District and exploring the moors, students literally follow the footsteps of Romantic poets as they study the literature of that period. Students stay at Kiplin Hall, the ancestral home of Maryland's Calvert family. Participants earn four credits.

Oxford University in England - Research Seminar on Religion, Politics, and Culture

Students interested in the intersection of religion, politics, and culture are encouraged to apply for a two week study program conducted at the University of Oxford in June. Students reside on campus in the heart of Oxford University, engage in a structured program of study directed by Oxford faculty, develop an independent research project using the vast resources of Oxford libraries, and conduct tutorials under Oxford faculty. For more information, please contact Joseph Prud'homme, director, the Institute for Religion, Politics, and Culture.

Charles University in Prague - Research Seminar on Religion, Politics, and Culture

Washington College partners with Charles University in Prague for a distinctive summer course in Prague, Vienna, and Cracow, with a study trip to the extermination camp at Auschwitz. This distinctive program brings together students from around the world for an intensive examination of the role of religion in cultural and political life. Founded in 1347, Charles University is located in the historic center of the picturesque city of Prague, once the capitol of the Holy Roman Empire. For more information, please contact Joseph Prud'homme, director, the Institute for Religion, Politics, and Culture.

Summer International Business Experience

Washington College offers a two-week- travel course in international business. For details, contact the Chair of the Business Management Department.

Summer Archaeological Field School

This summer program is an introduction to archaeological fieldwork methods and to the theoretical concerns of anthropological archaeology. It includes participation in archaeological survey and excavation as well as lectures, readings, and writing assignments. A minimum obligation of 30 hours per week is required. Sites will focus on North American native people and colonial U.S. history in Maryland.

Fellowships

A number of fellowships are awarded for summer research, internships, and other specialized educational opportunities. The College's three Signature Centers—CES, the Lit House, and the Starr Center offer dedicated fellowships in special areas, such as *Quill & Compass* for Writers, *Environment & Society Fellows, Ornithology Fellows*, and more.

The Roy Ans Fellowship in Jewish-American Studies

The Roy Ans Fellowship in Jewish-American Studies is under the purview of the Institute for Religion, Politics, and Culture in conjunction with Washington College Hillel. We jointly solicit and review applications each fall. Presentations of the work occur each spring in the Hillel House, in accordance with the directives of the donation.

Margaret Bennett Fellowships in International Studies

Margaret Bennett Fellowships in International Studies support experiential learning abroad for international studies majors and others pursuing concentrations in international studies. The fellowships provide small grants to partially offset the cost of short-term and semester-long study abroad, internships abroad, and student participation in Model U.N. programs and international conferences on world affairs. It is administered by the Director of the International Studies Program.

The Gerda Blumenthal Phi Beta Kappa Award

The Gerda Blumenthal Phi Beta Kappa Award is awarded annually to a rising sophomore or junior to support special scholarly work in the humanities, such as collaborative faculty-student research or study abroad. The award is overseen by the Phi Beta Kappa chapter at Washington College.

The Libby & Douglass Cater Society of Junior Fellows

The Libby & Douglass Cater Society of Junior Fellows, established in 1990, provides special grant-funded opportunities for outstanding student leaders. The purpose of the Society is to foster intellectual exchange beyond the classroom and to encourage creative projects beyond particular course requirements. The Society funds independent projects designed by its membership and meets regularly throughout the year to engage in intellectual exchange around student research and creative endeavors. Students become eligible for membership at the end of their sophomore year. Applications to the Society are made in February each year. The Libby & Douglass Cater Society of Junior Fellows is directed by Dr. Sara Clarke De Reza, Associate Professor of Education.

The Explore America Summer Internship Program

The Explore America Summer Internship Program provides Washington College students with unique opportunities to integrate their academic work with real-world practice, resulting in experiences that often alter their life paths. Internship placements include some of the nation's leading historical and cultural institutions. Participating institutions have included the Smithsonian, the National Archives, the Library of Congress, the U.S. House of Representatives (Office of the Historian), the National Constitution Center, the National Park Service, George Washington's Mount Vernon, and others. Most positions are open to students of all class years, including graduating seniors, although preference is given to sophomores and above. The program is administered by the Starr Center for the Study of the American Experience.

The Friends of Miller Library Research Fellowship

The Friends of Miller Library Research Fellowship is awarded to a rising sophomore or junior in high academic standing to support research in their chosen discipline that requires extensive use of the resources of Miller Library. The fellowship is administered by the Board of Friends of Miller Library. The student will be mentored in research competency by a faculty member and a librarian.

The Goldstein Program in Public Affairs

The Louis L. Goldstein Program in Public Affairs was established in 1990 to encourage students to enter public service by introducing them to exemplary leaders both in and out of government. The Goldstein Program sponsors lectures, symposia, visiting fellows, student participation in models and conferences, and other projects that bring students and faculty together with leaders experienced in developing public policy.

Recent speakers have included Kweisi Mfume, President and CEO of the NAACP; Jeff Birnbaum, Washington Bureau Chief for Fortune magazine; Anita Perez Ferguson, former president of the National Women's Political Caucus; Ruben Zamora, El Salvador's Ambassador to the United States, and Dr. Robert Jones, CEO of the Public Religion Research Institute. The Goldstein Program is directed by Christine Wade, Professor of Political Science, and International Studies.

The Richard L. Harwood Fellowship in Journalism

The *Richard L. Harwood Fellowship in Journalism* is awarded annually to the editor-elect of the Washington College student newspaper, *The Elm*, and other editors-elect as funds permit. The fellowship helps to underwrite summer internships at newspapers selected by the student editors and approved by the faculty advisor to *The Elm.* The fellowship is administered by the Rose O'Neill Literary House.

The Clarence Hodson Prize

The Clarence Hodson Prize It is the aim of The Clarence Hodson Prize to reward creativity, initiative, and intellectual curiosity with a competitive grant to support an internship, undergraduate research project, or other form of study anywhere in the world. Requiring an overall grade point average of 3.0 or better and a grade point average in the major of 3.5 (the equivalent of Dean's List), the Prize is offered to a sophomore, junior, or senior majoring in the fine or performing arts, with a preference to a student majoring in music, who has achieved distinction among Washington College's top scholars.

John S. Toll Science and Mathematics Program Fellowships

John S. Toll Science and Mathematics Program Fellowships are awarded on a competitive basis during the academic year and summer. The Fellowships provide stipends and research supply funds for student-faculty collaborative work in the natural sciences, mathematics, and computer science. Fellows present their research during a seminar series (summer fellows) and during a fall poster presentation (academic year and summer fellows). Some Fellows also present their work at national and regional meetings of scientific societies and organizations. The Program is administered by the faculty of the Division of Natural Sciences and Mathematics.

The William B. Johnson Business Internship Awards

The William B. Johnson Business Internship Awards fund summer internships for students interested in pursuing careers in business. The award is open to all majors, but recipients should possess the three values that motivated William Johnson to achieve great success in business and industry: scholarship, service, and character. Selection is made by the Chair of the Department of Business Management.

The Sophie Kerr Fund

The Sophie Kerr Fund offers to incoming freshmen merit awards that may be renewed for four consecutive years. The program is administered by the English faculty.

The Guy F. Goodfellow Fellowship in History

The Guy F. Goodfellow Fellowship in History, awarded annually, provides up to $1,000 toward the costs of research and/or experiential learning opportunities such as defraying the costs of travel, purchase of research materials and photocopies, microfilm for a History major working on her/his senior thesis. The award may also be used to supplement income for an otherwise unpaid internship at a historical national park, library, museum, or other appropriate venue. Endowed by the Goodfellow family in memory of Dr. Guy F. Goodfellow, former Professor of History at Washington College, the Fellowship Program complements the ongoing Guy Goodfellow lecture series through which the History Department of Washington College brings nationally-renowned scholars in American history to campus. The Guy F. Goodfellow Fellows may pursue projects in the full range of historical studies, however, and are not limited to American History topics. For more information, please contact the chair of the History Department.

The Conrad M. Wingate '23 Memorial Fellowship

The Conrad M. Wingate '23 Memorial Fellowship, awarded annually, provides up to $2,500 toward the costs of research and/or experiential learning opportunities such as defraying the costs of travel, purchase of research materials and photocopies, microfilm for a History major working on her/his senior thesis. The award may also be used to supplement the income for an otherwise unpaid internship at a historical national park, library, museum, or other appropriate venue. Endowed by Washington College Visitor Emeritus Phillip J. Wingate '33 in memory of his late brother Conrad Meade Wingate '23, the Wingate Fellowship complements the ongoing Conrad M. Wingate '23 lecture series through which the History Department of Washington College continues to bring nationally-renowned scholars in history to campus. For more information, please contact the History department chair, Dr. Janet Sorrentino, jsorrentino2@washcoll.edu

The Louise and Rodney Layton Fund

The Louise and Rodney Layton Fund supports summer research or travel for upperclassmen who are science majors. It is administered by the faculty of the Division of Natural Sciences and Mathematics

The Mary Martin Student Fellowships

The Mary Martin Student Fellowships provide the opportunity for students majoring or minoring in theatre to pursue independent learning experiences. Students may apply for a grant to support, for instance, summer internships or research. Upon completion of their project, students will be asked to share their learning with peers.

Global Education Office (GEO)

The Global Education Office (GEO) is located in the Foster House at 409 Washington Avenue. GEO serves as a resource center and learning community for students contemplating study abroad, those interested in developing a more global perspective to their studies, and for international students.

Staff members provide study abroad advising, application guidance, and preparation for student experiences abroad. International students are offered a full range of services, programming, and support regarding immigration and visa matters, arrival and cultural adjustment, work permission, and academic and personal concerns.

International Programs

Global awareness and intercultural competencies are important aspects of a modern liberal arts education. Overseas experiences enhance students' capacity for global understanding through an examination of the ways history, culture, politics, economics, commerce, science, and the arts shape our shared world, our worldviews, and the views of others. Washington College encourages students to enrich their education by spending one or two semesters in a foreign country studying at one or more of our many partner institutions abroad and/or joining a short-term abroad program sponsored by faculty, staff, and other partner organizations over winter or summer breaks. Any student considering studying abroad should talk with their academic advisor and attend an information session on study abroad. Reviewing the GEO web page information is a great first step in exploring the College's study abroad options: washcoll.edu/people_departments/offices/global-education-office/index.php (http://washcoll.edu/people_departments/offices/global-education-office/).

College-Authorized International Student Travel

Washington College seeks to promote safe, healthy, and secure international travel for its students. The College requires students who are engaged in international travel (i.e., study abroad, faculty-led program, any academic trip with a faculty or staff member) that is sponsored, recognized, or organized by the College to adhere to the *Student International Travel Policy* and ensure that they complete the *Education Abroad Program Agreement: Assumption of Risk Waiver of Liability and Indemnification* form and its accompanying *COVID-19 Addendum*. The policy and form access details are online under the "College Sponsored International Travel section at https://washcoll-sa.terradotta.com (https://washcoll-sa.terradotta.com/). Additionally, the College encourages all students traveling abroad for educational or other purposes to thoroughly review and familiarize themselves with the political, health, crime, and other safety-related conditions prevailing in the country (or countries) they intend to visit.

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Summer Exchange Partner Programs

Washington College has partnered with three universities abroad that permit Washington College students to participate in their summer semesters; these semesters work similarly to a fall/spring semester abroad: students apply through the Global Education Office (either by the fall or the spring deadline, with priority given to fall applicants) and participate in the same mandatory pre-departure workshops required for semester-long study abroad. The three partners are: Lingnan University in Hong Kong, Yonsei University in South Korea, and Universidad San Francisco Quito (USFQ) in Ecuador. (Brief descriptions of each of these schools is provided in the next section below). The coursework completed overseas will transfer back as Washington College credit/value/grades. Because these three programs work outside the regular semester parameters, students who participate will be charged the Summer Exchange Abroad fee of $1,500 in lieu of other Washington College tuition and fees. In addition, summer housing fees will be paid to Washington College and provided at the partner institution in the cases of Lingnan and Yonsei universities.

Short-Term Summer Programs

Washington College faculty and staff organize and lead several short-term programs during the summer and winter months, typically for two to three weeks. Short-term programs are open to all students in good academic and social standing at the College. Students should contact the program leaders regarding their summer and winter-sponsored programs. Recent trips include short-term programs in Bermuda, Cuba, England, and Ireland. The departments sponsoring the short-term programs have additional information on these short-term global engagement opportunities.

Short-Term Faculty-Led Study Abroad Courses

Washington College offers intensive two- to three-week travel/study experiences during winter or summer breaks. Led by Washington College faculty, these trips focus on a specific area of study and typically count as one 4-credit course. Policies regarding these courses are below.

Prior to the departure of the trip, students may elect to audit the course. Students may elect to take the course on a Pass/Fail basis, unless it is being used to fulfill a distribution or major requirement. Established Pass/Fail policies still apply: please review the Pass/Fail Option section above for further details.

Because of the brief nature and scheduling considerations related to short-term courses, students may not withdraw after departure; however, students may drop the course prior to departure (not all fees may be refundable).

Special Sessions

Washington College offers several intensive travel/study experiences, conducted under the guidance of professors during times when classes are normally not in session. Successful completion of these summer sessions earns academic credit.

January Session in Cuba: Cuban Music and Culture

Offered during the Winter Break, this course introduces students to anthropological, ethnomusicological, and ethnochoreological ethnographic fieldwork methods, including participant-observation, ethnographic interviews, and audio/video documentation techniques. Students will be exposed to both Afro-Cuban religious and Cuban popular expressive forms. They will learn about the interrelatedness of music, dance, visual arts, ritual, and religious beliefs, as well as with Cuban views on Cuban culture, gender, and race. Students will attend/observe both formal and informal music performances and take music and dance lessons where they will have an opportunity to engage musicians on a one-on-one basis. In addition to music-oriented activities, students will learn about Cuba's cultural and economic history by exploring Havana's rich museums, monuments, and plazas.

Summer Session in Bermuda

This summer course will investigate the complex ecology of the Bermuda Islands, the impact that human habitation has had on their natural history, and current environmental concerns and means of mitigating those concerns. Major areas of study will include (but not be limited to) coral reef ecology/symbioses, mangrove community ecology and environmental relevance, architectural and military influences during colonization, fisheries practices (past, present, and future) and current concerns and problems, and ecotourism and associated environmental impacts.

Summer Program in Ecuador

This three-week-long summer course, offered in conjunction with the Universidad San Francisco de Quito, will investigate many of the world's most distinctive species of plants, animals that inhabit the richly diverse ecosystems of Ecuador. Students will gain an understanding of Ecuador's social and economic issues and the challenges it faces as a developing country while attempting to conserve its natural resources. Topics investigated include conservation of the Amazon rain forest and oil exploration, ecotourism, biodiversity concerns, mangrove conservation and the fate of Galapagos tortoises and the Galapagos fisheries.

Summer Session at Kiplin Hall

During a three-week summer excursion to North Yorkshire, students experience the poetic landscape of England. Hiking the remote hills of the Lake District and exploring the moors, students literally follow the footsteps of Romantic poets as they study the literature of that period. Students stay at Kiplin Hall, the ancestral home of Maryland's Calvert family. Participants earn four credits.

Oxford University in England - Research Seminar on Religion, Politics, and Culture

Students interested in the intersection of religion, politics, and culture are encouraged to apply for a two week study program conducted at the University of Oxford in June. Students reside on campus in the heart of Oxford University, engage in a structured program of study directed by Oxford faculty, develop an independent research project using the vast resources of Oxford libraries, and conduct tutorials under Oxford faculty. For more information, please contact Joseph Prud'homme, director, the Institute for Religion, Politics, and Culture.

Charles University in Prague - Research Seminar on Religion, Politics, and Culture

Washington College partners with Charles University in Prague for a distinctive summer course in Prague, Vienna, and Cracow, with a study trip to the extermination camp at Auschwitz. This distinctive program brings together students from around the world for an intensive examination of the role of religion in cultural and political life. Founded in 1347, Charles University is located in the historic center of the picturesque city of Prague, once the capitol of the Holy Roman Empire. For more information, please contact Joseph Prud'homme, director, the Institute for Religion, Politics, and Culture.

Summer International Business Experience

Washington College offers a two-week- travel course in international business. For details, contact the Chair of the Business Management Department.

Summer Program in Tanzania

Washington College offers a 15-day summer course on politics, culture, economy, and sustainable development in Tanzania. The course focuses on the familiar problems associated with Africa: poverty, unemployment, health, debt, and the conflicts between tradition and the lures of a changing world. Traveling to one of Tanzania's national parks, to traditional Maasai communities, to coffee co-ops, government agencies, and health care centers, students come face-to-face with local communities and their diverse problems and challenges.

Study Abroad Programs

Students participating in a Washington College-approved study abroad program receive Washington College credit and grades for their coursework. Because the assignment of credits and grades is different in other countries, the College follows a set of standards and best practices when converting and transferring grades and credits from overseas institutions. The Global Education Office provides students applying for study abroad with information on how grades and credits earned at their specific host institution will be transferred upon their return to Washington College. The following policies apply:

Students should take the equivalent of 16 credit hours per semester abroad in order to return with a full course load equivalent at Washington College. Students must take the equivalent of 12 credit hours or more in order to maintain full-time student status.

All courses must be pre-approved by appropriate department chairs and by the student's faculty advisor using the Study Abroad Approval Form available from the Global Education Office.

If course registrations change while the student is abroad, they must contact their faculty advisor, the appropriate department chair, and the Director of the Global Education Office to communicate these changes in a timely manner (not later than the host institution's Drop/Add deadline).

Students may only take courses on a Pass/Fail basis with permission of their faculty advisor, subject to the rules explained in the Pass/Fail Option section above.

When the official transcript from the host institution is received by the Registrar's Office, the courses are given equivalent Washington College course numbers and credit values based on the approvals noted on the Study Abroad Approval Form. All grades and credits become part of the student's Washington College transcript.

If students do not submit a completed Study Abroad Course Approval Forms by the end of the semester after return to Washington College, the Registrar will post general credits in place of their credits earned abroad. General credits will not count towards major, minor, or distribution requirements, but will be counted toward the minimum credits required to graduate and will be factored into the student's' GPA.

Only courses equivalent to three or more credit hours in Washington College's curriculum may be counted toward major, minor and distribution requirements. Some institutions offer courses/sessions for fewer than the equivalent of three credit hours. With permission of the department chair, two courses worth fewer than three credit hours each may be combined to count toward these requirements.

Students participating in a study abroad programs not approved by Washington College are not guaranteed transfer credit for their coursework. For those students seeking transfer credit for such courses, the following policies apply:

- All courses must be pre-approved by the department chairs and by the student's faculty advisor using the Study Abroad Course Approval Form available from the Registrar's Office.
- When the official transcript from the host institution is received by the Registrar's Office, the courses are given equivalent Washington College course numbers and credit values based on the approvals noted on the Transfer Credit Request Form. Only courses earning a letter grade of "C-" or better will become part of the student's Washington College transcript. Grades earned in these courses will not become part of the student's cumulative grade point average.

Summer Exchange Partner Programs

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John S. Toll Science and Mathematics Program

Named in honor of the College's 25th president, the program supports the academic and research activities of students and faculty who belong to the College's vibrant community of natural sciences and mathematics scholars. Students who have expressed an interest in pursuing a major in the sciences or mathematics and have demonstrated nascent research abilities are initially invited to be program apprentices. As early as the end of their first academic year, accomplished apprentices are invited to apply to become a John S. Toll Science and Mathematics Fellow (JSTF). These fellowships provide funding to undergraduate majors in the sciences and mathematics who are engaged in campus-based research projects under the direct supervision of a faculty mentor during the academic year or in the College's ten-week summer research program. John S. Toll Science and Mathematics Fellows must major in Biology, Chemistry, Computer Science, Environmental Science and Studies, Mathematics, Physics, or Psychology. These majors can be pursued in conjunction with the Premedical Studies/Pre-Vet program, 3+2 Engineering program, 3+2 Nursing program, or 3+4 Pharmacy program. All Apprentices and Fellows must maintain full-time enrollment at Washington College, maintain a cumulative grade point average of 3.00 - 4.00, and abide by the Washington College Honor Code in the pursuit of all endeavors, both academic and social.

Joseph H. McLain Program in Environmental Studies

The Joseph H. McLain Program in Environmental Studies enhances the commitment of the College to programs of scientific importance that involve research and internships and often will extend beyond individual departmental disciplines. The Program achieves distinction for the College and benefits students and future generations by concentration on environmental studies and, in particular, the Chesapeake Bay, the world's largest estuary.

Past speakers have included:

- Sylvia Earle, an underwater explorer and chief scientist at NOAA
- Tom Horton, environmental writer
- Stephen Leatherman, Director, Laboratory of Coastal Research, University of Maryland
- Edward Hoagland, author and editor, Penguin Series on the Environment and Natural History
- Herman Daly, Senior Economist, Environmental Department, the World Bank
- Christopher D. Clark, internationally recognized sporting artist
- Simon Levin, Director, Princeton University Environmental Institute.
- Donald Munson, The McLain Program Director
- Joseph H. McLain, Professor of Environmental Studies and Professor of Biology.

Kohl Gallery

The Kohl Gallery fosters the study and understanding of art through a diverse range of exhibitions and public programs. Embracing its liberal arts context, Kohl Gallery presents fresh perspectives on historical and contemporary art and promotes interdisciplinary conversations about historical, social, and cultural issues of significance to Washington College, Chestertown, and beyond.

Kohl Gallery organizes diverse programming throughout the academic year. With each exhibit, the gallery hosts a combination of artist talks, public receptions, and scholarly presentations.

Kohl Gallery also partners regularly with Washington College classes and groups from the Chestertown community to create unique, interdisciplinary opportunities for engagement with the works on view.

Library & Academic Technology

Clifton M. Miller Library is a dynamic place where active teaching and learning occurs in traditional and novel ways. It houses not just the library and archives, but also Academic Technology, the Quantitative Skills Center, and the Office of Academic Skills. It is a safe place that welcomes all students to seek academic support from caring professionals, collaborate with classmates, or just hang out with friends.

The Library provides a rich collection of over three-quarters of a million print and electronic resources available any time and from anywhere to all college account holders, as well as a research and reference instruction program designed to empower students to become independent learners, navigate the abundance of online content, and successfully manage the rigors of research, particularly the Senior Capstone Experience. Resources not available in the library's collection can be obtained through interlibrary loan. Library reserve materials are accessible through the College's Learning Management System, Canvas, along with other course materials, instructional activities, assignments, grades, interactive presentations, and assessments. With Canvas and more recently with Zoom, students can participate in synchronous and asynchronous online class discussions. The Library includes teaching and learning spaces and workstations for individuals and group study, research and computing, and hands-on activities.

Academic Technology, on the ground floor of Miller Library, is where some of the most innovative work on campus happens. Beck Multimedia & Technology Learning Center, the Virtual and Augmented Reality Digital Imaging Studio (aka VARDIS), and the IDEAWORKS Innovation Center, which includes the Multimedia Production Center, Makerspace, and One-Button Studio, offer a variety of programs and services where the campus community can learn cutting-edge technologies.

Model Programs & Conferences

Model United Nations
Site: Varies

Students interested in learning about the United Nations have the opportunity to participate in national and international Model UN conferences. Participating increases students' awareness of the United Nations as an organization and its position and performance in global politics. Student delegates represent a member state of the UN and participate in the organization's various committees.

Public Leadership Education Network (PLEN)
Site: Washington, DC

Each year the Department of Political Science and the International Studies Program nominate one or more women to attend one of several seminars organized by PLEN. Participants meet with women in government relations, observe sessions of the House and Senate or the Supreme Court, visit executive agencies, meet with representatives of the media and interest groups, and discuss public issues.

Quantitative Skills Center

The Quantitative Skills Center is located on the main floor of Miller Library. Students who desire assistance with quantitative skills in math, computer science, physics, business, economics, and other disciplines will find friendly, well-trained peer tutors available to help them. The Quantitative Skills Center holds evening drop-in hours (https://www.washcoll.edu/people_departments/offices/quantitative-skills-center/drop-in-information.php) Monday through Thursday and offers one-on-one appointments (https://washcoll.mywconline.com/) every day except Saturday. The Quantitative Skills Center posts tutoring hours and other helpful information (https://www.washcoll.edu/people_departments/offices/quantitative-skills-center/).

Rose O'Neill Literary House

The Rose O'Neill Literary House stands at the center of Washington College's thriving literary community. Some of the nation's most distinguished writers, editors, and thinkers have given readings and broken bread with WC students on the Literary House's wraparound porch or within its poster-clad Victorian walls.

The Literary House Printshop, redolent of iron and ink, is where students learn to set type for their texts, print them on sheets of rag-rich paper they've fed through iconic Heidelberg and Vandercook presses, and bind them into books.

The Rose O'Neill Literary House is a physical space where students, regardless of major, can find community. And it is a programmatic space committed to promoting the articulated word and its transformative power.

Sophie Kerr Program

This program brings to campus a succession of distinguished writers, editors, and literary scholars. Some of the some of the writers and scholars who have come to Washington College in the last decade to teach, lecture, and conduct writing workshops are listed below,

- Poet Laureate Robert Pinsky
- Joseph Brodsky
- Gwendolyn Brooks
- Lucille Clifton
- James McBride
- Peter Matthiessen
- Toni Morrison
- Bobbie Ann Mason

The Sophie Kerr Fund also supports the Sophie Kerr Prize, the largest undergraduate award in the United States and one of the largest literary awards in the world (around $75,000). The prize is awarded annually to a graduating senior "having the best ability and promise for future fulfillment in the field of literary endeavor."

The Sophie Kerr Fund also provides scholarships for entering students who show promise in the field of literary endeavor, whether that be academic analysis of literature, creative writing, journalism, or editing. All students who major in English are eligible for up to $3,000 from the Sophie Kerr Promise Grants to support experiential and co-curricular learning, such as fees associated with an internship, study abroad, research trips, and more.

Starr Center for the Study of the American Experience

The Starr Center explores the American experience in all its diversity and complexity, seeks creative approaches to illuminating the past, and inspires civic engagement informed by history. We offer Washington College students dynamic opportunities for hands-on learning and off-campus experiences unequaled at other small liberal arts schools.

Amid a culture of the immediate and the instantaneous, the Center stands for the transformative power of the long view. That means understanding where each one of us—the lives we live and the decisions we make—fits on the centuries-long arc that connects the past to the present, and the present to the future.

The Center draws inspiration from the historic surroundings of Maryland's Eastern Shore, and from Washington College's legacy as a place where a revolutionary American vision of higher education has flourished since 1782.

Hands-on learning through paid internships and civic engagement:

· The Chesapeake Heartland Project (https://chesapeakeheartland.org/) is an innovative, collaborative, community-based project to explore, preserve, and share four centuries of the incredible Black heritage of the Eastern Shore. Students are engaged in everything from recording oral histories, to digitizing centuries-old documents, to creating and staffing walking tours and pop-up exhibitions shared via our Chesapeake Heartland Humanities Truck.

· The Miller Program in Civic Engagement places students in paid externships with a range of area nonprofits, as well as offering many other opportunities for engaged learning, both on campus and beyond the College gates.

· The Holstein Program in Ethics, a College-wide initiative, engages students with "ethics in action" by helping them become citizen leaders changing the world around them for the better. The Holstein Program sponsors internships and externships, public events, co-curricular opportunities, and an annual prize.

· The Starr Center offers an array of other paid jobs and internships that changes from semester to semester. Please contact us at starr_center@washcoll.edu for information on our current paid opportunities.

Scholarships:

· Our Quill & Compass Scholarships offer merit-based financial aid to incoming students throughout their four years at the College. Quill & Compass recipients are also invited to participate in a range of other special opportunities throughout the academic year, from riverfront cookouts, to sailing excursions, to weekend road trips.

Travel programs:

· Throughout the year, we offer free road trips and field trips to cultural locations around the region, as well as a spring break travel program in collaboration with Washington College faculty.

· The summer Kiplin Hall Travel Program, co-sponsored with the Department of English, the O'Neill Literary House, and the Center for Environment and Society, takes a group of students to explore Northern England through an interdisciplinary lens of literature, history, and the environment. The program is based at Kiplin Hall, a 400-year-old manor house that once belonged to the Lords Baltimore, the founders of colonial Maryland.

These are just a few of the many opportunities and resources that the Starr Center offers throughout the year to students in every major. Visit https://www.washcoll.edu/learn-by-doing/starr, or email starr_center@washcoll.edu, to learn more about us. And come visit us in our headquarters at the beautiful Custom House, a delightfully rambling 280-year-old building in the heart of Chestertown's riverfront.

Student Achievement & Success Office

The Office of the Dean of Student Achievement and Success helps students solve problems that interfere with their academic progress. We also help connect students with enrichment opportunities like funding for internships and experiential learning. Working collaboratively with Academic Advising, the Registrar, the Office of Academic Skills, Student Affairs, the Writing and Quantitative Skills Centers, and other departments at the college, the Dean oversees programs, support, and interventions that help students learn and grow.

- Academic Advising (p. 241)
- OAS (p. 240)
- Disability Services (p. 240)
- Quantitative Skills Center (p. 253)
- Writing Center (p. 257)

A number of fellowships are awarded for summer research, internships, and other specialized educational opportunities. The College's three Signature Centers—CES, the Lit House, and the Starr Center offer dedicated fellowships in special areas, such as *Quill & Compass* for Writers, *Environment & Society Fellows, Ornithology Fellows*, and more.

The Roy Ans Fellowship in Jewish-American Studies

The Roy Ans Fellowship in Jewish-American Studies is under the purview of the Institute for Religion, Politics, and Culture in conjunction with Washington College Hillel. We jointly solicit and review applications each fall. Presentations of the work occur each spring in the Hillel House, in accordance with the directives of the donation.

Margaret Bennett Fellowships in International Studies

Margaret Bennett Fellowships in International Studies support experiential learning abroad for international studies majors and others pursuing concentrations in international studies. The fellowships provide small grants to partially offset the cost of short-term and semester-long study abroad, internships abroad, and student participation in Model U.N. programs and international conferences on world affairs. It is administered by the Director of the International Studies Program.

The Gerda Blumenthal Phi Beta Kappa Award

The Gerda Blumenthal Phi Beta Kappa Award is awarded annually to a rising sophomore or junior to support special scholarly work in the humanities, such as collaborative faculty-student research or study abroad. The award is overseen by the Phi Beta Kappa chapter at Washington College.

The Libby & Douglass Cater Society of Junior Fellows

The Libby & Douglass Cater Society of Junior Fellows, established in 1990, provides special grant-funded opportunities for outstanding student leaders. The purpose of the Society is to foster intellectual exchange beyond the classroom and to encourage creative projects beyond particular course requirements. The Society funds independent projects designed by its membership and meets regularly throughout the year to engage in intellectual exchange around student research and creative endeavors. Students become eligible for membership at the end of their sophomore year. Applications to the Society are made in February each year. The Libby & Douglass Cater Society of Junior Fellows is directed by Dr. Sara Clarke De Reza, Associate Professor of Education.

The Explore America Summer Internship Program

The Explore America Summer Internship Program provides Washington College students with unique opportunities to integrate their academic work with real-world practice, resulting in experiences that often alter their life paths. Internship placements include some of the nation's leading historical and cultural institutions. Participating institutions have included the Smithsonian, the National Archives, the Library of Congress, the U.S. House of Representatives (Office of the Historian), the National Constitution Center, the National Park Service, George Washington's Mount Vernon, and others. Most positions are open to students of all class years, including graduating seniors, although preference is given to sophomores and above. The program is administered by the Starr Center for the Study of the American Experience.

The Friends of Miller Library Research Fellowship

The Friends of Miller Library Research Fellowship is awarded to a rising sophomore or junior in high academic standing to support research in their chosen discipline that requires extensive use of the resources of Miller Library. The fellowship is administered by the Board of Friends of Miller Library. The student will be mentored in research competency by a faculty member and a librarian.

The Goldstein Program in Public Affairs

The Louis L. Goldstein Program in Public Affairs was established in 1990 to encourage students to enter public service by introducing them to exemplary leaders both in and out of government. The Goldstein Program sponsors lectures, symposia, visiting fellows, student participation in models and conferences, and other projects that bring students and faculty together with leaders experienced in developing public policy. Recent speakers have included Kweisi Mfume, President and CEO of the NAACP; Jeff Birnbaum, Washington Bureau Chief for Fortune magazine; Anita Perez Ferguson, former president of the National Women's Political Caucus; Ruben Zamora, El Salvador's Ambassador to the United States, and Dr. Robert Jones, CEO of the Public Religion Research Institute. The Goldstein Program is directed by Christine Wade, Professor of Political Science, and International Studies.

The Richard L. Harwood Fellowship in Journalism

The *Richard L. Harwood Fellowship in Journalism* is awarded annually to the editor-elect of the Washington College student newspaper, *The Elm*, and other editors-elect as funds permit. The fellowship helps to underwrite summer internships at newspapers selected by the student editors and approved by the faculty advisor to *The Elm.* The fellowship is administered by the Rose O'Neill Literary House.

The Clarence Hodson Prize

The Clarence Hodson Prize It is the aim of The Clarence Hodson Prize to reward creativity, initiative, and intellectual curiosity with a competitive grant to support an internship, undergraduate research project, or other form of study anywhere in the world. Requiring an overall grade point average of 3.0 or better and a grade point average in the major of 3.5 (the equivalent of Dean's List), the Prize is offered to a sophomore, junior, or senior majoring in the fine or performing arts, with a preference to a student majoring in music, who has achieved distinction among Washington College's top scholars.

John S. Toll Science and Mathematics Program Fellowships

John S. Toll Science and Mathematics Program Fellowships are awarded on a competitive basis during the academic year and summer. The Fellowships provide stipends and research supply funds for student-faculty collaborative work in the natural sciences, mathematics, and computer science. Fellows present their research during a seminar series (summer fellows) and during a fall poster presentation (academic year and summer fellows). Some Fellows also present their work at national and regional meetings of scientific societies and organizations. The Program is administered by the faculty of the Division of Natural Sciences and Mathematics.

The William B. Johnson Business Internship Awards

The William B. Johnson Business Internship Awards fund summer internships for students interested in pursuing careers in business. The award is open to all majors, but recipients should possess the three values that motivated William Johnson to achieve great success in business and industry: scholarship, service, and character. Selection is made by the Chair of the Department of Business Management.

The Sophie Kerr Fund

The Sophie Kerr Fund offers to incoming freshmen merit awards that may be renewed for four consecutive years. The program is administered by the English faculty.

The Guy F. Goodfellow Fellowship in History

The Guy F. Goodfellow Fellowship in History, awarded annually, provides up to $1,000 toward the costs of research and/or experiential learning opportunities such as defraying the costs of travel, purchase of research materials and photocopies, microfilm for a History major working on her/his senior thesis. The award may also be used to supplement income for an otherwise unpaid internship at a historical national park, library, museum, or other appropriate venue. Endowed by the Goodfellow family in memory of Dr. Guy F. Goodfellow, former Professor of History at Washington College, the Fellowship Program complements the ongoing Guy Goodfellow lecture series through which the History Department of Washington College brings nationally-renowned scholars in American history to campus. The Guy F. Goodfellow Fellows may pursue projects in the full range of historical studies, however, and are not limited to American History topics. For more information, please contact the chair of the History Department.

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The Mary Martin Student Fellowships provide the opportunity for students majoring or minoring in theatre to pursue independent learning experiences. Students may apply for a grant to support, for instance, summer internships or research. Upon completion of their project, students will be asked to share their learning with peers.

Amy Cawood, Director

The Office of Academic Skills, located on the second floor of Miller Library, is available to all students who wish to acquire learning strategies and receive support as they progress through the Washington College academic program. Through individualized guidance, the OAS Specialist for Academic Support and Peer Tutors partner with students as they learn and practice the skills needed to become active and independent learners in a collegiate environment. Examples of these skills include discipline-specific study strategies, strategies for time management, test-taking, and managing test anxiety, and reading skills for comprehension and retention. Additionally, Peer Tutors are available to provide assistances in a variety of subjects including natural sciences, social sciences, and humanities based content.

Disability Access

Disability Services, a part of the Office of Academic Skills, provides information, support, and accessibility accommodations for individuals with disabilities on campus. Our mission is to ensure that all students, employees, and visitors have equal access to programs and services available at Washington College.

Warehime Fund for Student Excellence in Business

Launched in 2020 with a major gift from Washington College alumna Beth Warehime '13 and her family, the Warehime Fund for Student Excellence in Business promotes and supports student participation in practitioner and scholarly activities by providing direct financial support for experiential opportunities.

The Warehime Fund for Student Excellence recognize that while education is grounded in the classroom, students flourish when small classes are combined with opportunities to extend themselves in ways that speak directly to their individual interests, aspirations, and passions.

All Business Management majors as well as students pursuing any major who participate in student organizations sponsored by the Department of Business Management are encouraged to apply for grant funding to support such ventures as student-faculty research, primary research for Senior Capstone Experiences, participation at conferences, and pursuit of entrepreneurial projects. Interested students may contact the Business Management Department Chair for more information.

Writing Center

The ability to write clearly and persuasively is essential to professional success—for businesspeople writing reports, teachers creating curricula, or scientists drafting grant proposals. Thus, Washington College is deeply committed to cultivating students' writing skills. To this end, in addition to offering a curriculum rich in opportunities to write, the College requires that students enroll in several writing-intensive courses.

The Writing Center (https://www.washcoll.edu/people_departments/offices/writing-center/), located on the first floor of Goldstein Hall, provides resources for students who wish to sharpen their writing skills, generate new ideas through discussion, or review their work with a trained peer writing consultant in a supportive, non-evaluative atmosphere. Peer writing consultants train in a semester-long credit course.

In addition to one-on-one consultations, peer writing consultants also visit classrooms to deliver presentations on writing-related topics and assist in classroom peer review. Writing groups and events throughout the year support the ongoing writing lives of students and faculty. Faculty are invited to reach out to the director for review of pedagogical materials and publications in process.

Academic Policies

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Academic Dishonesty, the Honor Code, Student Pledge

By accepting the offer of admission, all students entering Washington College agree to conduct themselves in accordance with the Washington College Honor Code, College policies, and all local, state, and federal laws.

The Honor Code

We at Washington College strive to maintain an environment in which learning and growth flourish through individuals' endeavors and honest intellectual exchanges both in and out of the classroom. To maintain such an environment, each member of the community pledges to respect the ideas, well-being, and property of others. Thus, each member of the Washington College community abides by its Honor Code.

The Spirit of the Honor Code

The Washington College Honor Code was established by vote of the faculty and students in 1976 and reaffirmed in 1987. In 1994, the Honor Code was redrafted to reflect student and faculty sentiment that a single code should address both academic and social conduct.

The Washington College Honor Code sets standards for the entire College community. The intention of the Honor Code is to encourage honest academic achievement and the highest standard of social conduct in all members of the institution. Those who agree to this honor system promise to uphold it and abide by it. All students are required to sign the Honor Code upon enrollment at Washington College, signifying that they have read and understand the Honor Code, that they are willing to abide by its principles, and that they understand the sanctions they may incur if they violate the Code.

The Student Pledge

Faculty members are expected to discuss the implementation of the Honor Code at the beginning of each semester in every class. In addition, they are encouraged to have students attach the following pledge (or an abbreviation suggested by the instructor) to any credit-bearing work:

I pledge my word of honor that I have abided by the Washington College Honor Code while completing this assignment.

For more information, see The Student Handbook. (https://catalog.washcoll.edu/student-handbook/honor-code-student-conduct-system/)

Academic Forgiveness

Academic Forgiveness Policy

This Academic Forgiveness policy provides a second opportunity to any former WC student, who has experienced past academic difficulties, to have a fresh cumulative grade point average. The policy is designed for undergraduate students who have demonstrated that they can be successful at WC.

Eligibility

1. A student must have been absent for at least three calendar years.
2. A student must complete one semester of academic work and maintain a minimum semester Grade Point Average (GPA) of 2.0.

    - A student who meets these eligibility requirements may request Academic Forgiveness for up to two semesters. Any courses within the two semesters with grades of C- or lower may be requested to be Forgiven.
    - Forgiven courses remain on the transcript with the grade and credit earned to reflect academic history; however, grade points are removed so the previous grades are excluded from the computation of the student's cumulative GPA.
    - Student transcripts list "Academic Forgiveness Granted (date)" in the semesters where Academic Forgiveness is approved
    - While the grade points are not tabulated, Forgiven courses may fulfill requirements as stipulated in programs of study requirements or as electives.
    - Grades of C or higher are not altered and are used toward degree requirements as applicable.
    - Students follow graduation requirements listed in the catalog at the time of re-entry, not in the catalog the student initially matriculated.

    - Students may request Academic Forgiveness only once during their academic career.
    - There is no guarantee that the Academic Forgiveness policy will be recognized by any other college or university.

Considerations:

- The granting of Academic Forgiveness does not supersede a suspension or dismissal policy. Any suspension or dismissal that occurred in the past shall remain recorded on the student's permanent record.
- Re-admission into any program is not automatic. Granting of Academic Forgiveness may not supersede admissions requirements, which may require a specific minimum grade point average based on all coursework.
- A student interested in pursuing Academic Forgiveness must complete an Academic Petition form and submit it to the Committee on Academic Standing and Degrees.
    - Students wait to submit an Academic Petition until they have earned a minimum of 12 credits, but not more than 32 credits earned since re-admission.

The Academic Petition must include:

1. A statement of the projected benefits if allowed back into the WC under provisions of the Academic Forgiveness.
2. A summary of events explaining the academic record during the student's previous attendance at WC.
3. Any supporting documents outlining the unusual circumstances should be included.
4. Any recommendation letters from employers that support the student's development and successes from the time the student departed from WC.
5. A letter from an academic advisor or other faculty member describing positive academic progress and the potential for academic success.

Academic Forgiveness may have impact on financial aid; students should contact the Financial Aid office to understand their situation.

Academic Standing

Academic Standing Policy

Students must earn a 2.0 minimum cumulative Grade Point Average (GPA), as well as at least a 2.0 Major GPA to graduate from Washington College. To ensure students make adequate progress toward the graduation requirements, and to alert students and their families, faculty advisors, and the

Office of Academic Skills to struggles students may be experiencing in meeting their academic goals, at the end of each semester the Committee on Academic Standing and Advising reviews the progress of all students who:

- earned a semester GPA below 2.00
- earned at least one “F” grade in the semester
- earned at least two “D” grades in the semester
- are currently on academic probation or warning
- have a cumulative GPA below 2.00 any time after their fourth semester

The Committee on Academic Standing & Advising (CASA) recommends an action for each student, which may include placing the student on academic warning, academic probation, or continued academic probation. With the exception of a student in their first semester, CASA may suspend students earning a semester grade point average of less than 1.75.

Suspended students may be required to take courses elsewhere to demonstrate sufficient academic readiness for college-level work before requesting reinstatement at Washington College. Students with at least one previous academic suspension and whose subsequent performance qualifies for review by CASA may be suspended from WC. Suspended students may submit an appeal petition to the Provost.

First-semester first-year students earning a semester grade point average of less than 1.75 are placed on academic probation and required to participate in appropriate academic support activities in recognition of the challenges that may occur in the transition from high school to college-level work.

All students are required to attain a minimum 2.00 cumulative GPA by the end of four semesters at WC, typically the end of sophomore year for students who enter as first year students. Students who transfer to the College with fewer than 28 credits are required to attain a minimum 2.00 cumulative GPA by the end of the fourth semester. Students who transfer with 28 or more credits are required to attain a minimum 2.00 cumulative GPA by the end of the WC second semester.

CASA reviews the academic record of students whose cumulative GPA is below 2.00 at the end of four semesters (or at the end of the appropriate semester for transfer students) to determine if the student is allowed to continue at WC.

Attendance, Class Cancellation

Attendance & Class Cancellation Policy for Students and Student Athletes

It is the responsibility of WC students to attend each class meeting scheduled in every course in which they enroll. Students on probation are expected to attend all classes without exception and should contact the Dean of Student Achievement and Success about any absences that are truly unavoidable. A faculty member’s attendance policy may include failure of the course for excessive absences. Students are encouraged to ask their professors about any attendance policies that are not clear to them.

Members of the faculty are under no obligation to accept any student who misses the first day of class. Faculty must certify class rosters, by using Self-Service to choose “Never Attended”, which automatically drops the class from the student’s record with a notation that the drop was for Never Attending. Faculty certify their class rosters prior to the last day to drop. Students who cannot attend on the first day but would like to remain in the course must contact their instructors before the first day of class.

Students may occasionally be excused from other College obligations if they are involved in a field trip regarded as an integral part of the work of a particular course. The Dean of Student Achievement and Success or faculty member involved will send out to the faculty an advance listing of those students participating in such a field trip. Field trips should be arranged as far ahead of time as practicable.

As soon as arrangements have been completed, and in any event no less than one week before the trip, the Provost of the College should be informed of the date and inclusive hours of the trip and of the names of those students participating. If actual attendance differs from what was anticipated, a revised list of names should be sent to the Provost’s Office immediately upon conclusion of the trip.

A student who is repeatedly absent, or whose attendance continues to be unsatisfactory following a warning from the instructor, will be reported by their instructor to either the Registrar or the Dean of Student Achievement and Success to investigate cases of prolonged absence in which the reasons are unknown to the instructor.

When an instructor is more than ten minutes late to a class, the students may leave without penalty.

Attendance Policy for Student-Athletes

Student-Athletes may miss class due to travel, class attendance at all other times is expected. Student-athletes are responsible for notifying professors in advance and arranging to make up missed work if the Student-Athlete misses class because of regular and post-season contests. Practices, scrimmages, and off-season athletic events are not valid reasons for missing classes; Student-Athletes should attend the class and arrange with the coach to make up missed practice time.

To facilitate faculty awareness and cooperation with students regarding absences, the varsity sports offered at Washington College and the terms in which sports are played are as follows:

Men

Fall	Spring
	Baseball
Basketball	Basketball
Golf	Golf
	Lacrosse
	Rowing
Sailing	Sailing
Soccer	
Swimming	Swimming
Tennis	Tennis
	Trap & Skeet

Women

Fall	Spring
Basketball	Basketball
Field Hockey	
Golf	Golf
	Lacrosse
	Rowing
Sailing	Sailing
Soccer	
	Softball
Swimming	Swimming
Tennis	Tennis
	Trap & Skeet
Volleyball	

Making Up Work

Responsibility for handing in all announced papers, reports, and projects on time rests entirely with the student. Instructors may penalize late work.

A student who has missed an examination or test is responsible for making it up and must take the initiative to reach out and plan to make-up examination/test with the instructor. Instructors are not obliged to prepare make-up exams unless the student's absence was occasioned by serious and unavoidable reasons. Students who are members of varsity sports teams and who must miss an exam because of a scheduled sports event may make-up exams. In such cases, responsibility for informing the professor of an absence for an exam and for scheduling a make-up exam date rests solely with the individual student.

Catalog Declaration Policy

Catalog Declaration Policy

1. Washington College catalogs are in effect for five years from the initial effective term.
2. Catalogs take effect on the first day of classes for the respective major.
3. The catalog used for major and general-education requirements must be the same.
4. Students may use courses from their declared catalog or future catalogs if their department chair/program director approves the courses to meet major/minor requirements.
5. Students may also use new courses that meet general education requirements from future catalogs to fulfill general education requirements, regardless of the declared catalog.
6. New first-year or transfer students follow the catalog requirements in effect during the semester they matriculate to WC.
7. Upon their advisor's advice students may follow a more recent catalog, but never an earlier catalog.

8. Students who are readmitted, after an absence of two or more semesters, excluding summer session, must meet the requirements of the current catalog, or submit a "Catalog Declaration form" requesting to use degree/major requirements from the catalog at the time of their matriculation, or any catalog under which they attended, up to five years prior to the term of readmission.
9. Students should contact their advisor to determine which catalog best fits their graduation plans.

Credit Hour

Credit Hour Policy

Since 1957, most Washington College undergraduate courses have been designed and delivered as four-credit courses over a 15-week semester. Students typically enroll in four courses for 16 credits per semester during the Fall and Spring semesters. This equals 32 credits per academic year and 128 credits over four years. Classroom-based summer courses may be four to six weeks in duration.

According to Federal Regulations (https://www.ecfr.gov/current/title-34/subtitle-B/chapter-VI/part-600/subpart-A/section-600.2/), each four-credit lecture-based course should include the equivalent of at least 200 minutes of instruction per week over a fifteen-week semester. At Washington College, we typically offer three 50-minute or two 75-minute classes each week, with the remainder of the teaching consisting of structured instruction and an exam week at the end of the semester. Courses offered for less than four credits may also include structured instruction to reach the required minutes of instruction.

Structured instruction refers to supervised and required educational experiences aligned with a course's learning goals, resulting in a product evaluated by the instructor. This type of instruction integrates both in-class and extracurricular learning opportunities and encourages students to engage deeply with course material while receiving support from faculty. Structured instruction varies by course, subject, and instructor, and can include, but is not limited to:

- Laboratory work, research, writing, performance, or presentation development.
- Participation in events or experiences that lead to tangible, assessable outcomes.
- Engagement in office hours with faculty for direct guidance and feedback.
- Required viewings of films or media relevant to course content.
- Participation in outside speaker lectures, concerts, or events that align with course objectives.
- Participation in on- or off-campus field trips.
- Faculty-student collaboration in preparing for and attending conferences or colloquia.
- Participation in review sessions, tutorials, or discussion groups outside regular class hours.
- Participation in faculty-moderated and evaluated discussion forums.
- Viewing or listening to recorded lectures by faculty or qualified instructors, as in a "flipped" classroom setting.

Additional Notes:

- Structured instruction does not need to be in 50-minute or 75-minute-per-week blocks.
- Structured instruction could be offered as a menu of choices (as above) as long as each student completes 750 minutes of outside-of-class work during the semester.

Data Privacy (FERPA)

Data Privacy (FERPA) Policy

The Family Educational Rights and Privacy Act of 1974 as amended (FERPA) affords students certain rights with respect to their education records. Education records contain directory information (information that can legally be released without the student's consent) and non-directory information that cannot be released without the student's written (self-service) consent.

These rights include:

1. The right to inspect and review the student's education records within 45 days of the day the College receives a request for access.
    a. Students must submit a written request that identifying the record(s) the student wishes to inspect to the Registrar. The Registrar, is allowed 45 days to makes arrangements for access and notifies the student of the time and place where the records may be inspected. If the records are not maintained by the Registrar's Office, the Registrar shall advises the student of the correct official to whom the request should be addressed.
    b. The right to request the amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

    A student who requests to inspect their record must email the Registrar (or other College official who maintains the record in question, if the records are not maintained by the Registrar's Office), identifying the part of the record the student requests to be changed and specify why it should be changed.

If the Registrar/Other Official does not to amend the record as requested, the student is notified in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures is provided to the student when notified of the right to a hearing.

2. The right to provide written consent before the College discloses personally identifiable information (PII) from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

WC discloses directory information (see below), without a student's prior written consent under the FERPA exception for disclosure to school officials with *legitimate educational interests.* A school official is a person employed by the College in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the College has contracted to provide a service instead of using College employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Visitors and Governors; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing their tasks.

A school official has a legitimate educational interest if the official needs to review an education record to fulfill their professional responsibilities for the College.

The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA.

Students are encouraged to discuss their concerns with the College's official custodian of records, the Registrar. Should the student decide to file a complaint against Washington College for a potential violation of their rights under FERPA, the name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-5901

As of January 3, 2012, the U.S. Department of Education's FERPA regulations expanded circumstances under which student education records and personally identifiable information (PII) contained in such records—including your Social Security number, grades, or other private information—may be accessed without your consent.

The U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local education authorities ("Federal and State Authorities") may allow access to non-directory records and PII without student consent to any third party designated by a Federal or State Authority to evaluate a federal- or state-supported education program. The evaluation may relate to any program that is "principally engaged in the provision of education," such as early childhood education and job training, as well as any program that is administered by an education agency or institution.

Federal and State Authorities may allow access to student non-directory education records (PII) without student consent to researchers performing certain types of studies, in certain cases even when the College objects to or does not request such research. Federal and State Authorities must obtain certain use-restrictions and data security promises from the entities that they authorize to receive your PII, but the Authorities need not maintain direct control over such entities.

In addition, in connection with Statewide Longitudinal Data Systems, State Authorities may collect, compile, permanently retain, and share non-directory information from education records, and they may track participation in education and other programs by linking PII to other personal information about you they obtain from other Federal and State data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

Directory Information and Privacy

Once a student begins postsecondary study, the College will only release students' non-directory records directly to the student upon their written request. WC may only provide non-directory information from a student's education records, when it is requested by a parent or guardian if the student consents to that release in writing or if the parent or guardian provides proof of the student's financial dependency (usually substantiated by a certified copy of the most recent Federal Income Tax Form). Students must use Self-Service to indicate who may access their non-directory information; this is recorded in the System so that College Officials know who they can provide non-directory information to. This is the student's responsibility to enter. Student requests to restrict the release of directory information remain in effect for the duration of the student's enrollment at Washington College, unless otherwise revoked via a written request to the Registrar's Office. The College honors each student's most recent privacy preference after they graduate or withdraw.

Directory information is listed below.

WC may release the following directory information to parents, guardians, and/or third parties without student prior consent.

- Student name
- Graduation dates
- Awards

- Campus box number
- Expected graduation dates
- Honors
- Campus phone number
- Previous institutions attended
- Honor Societies
- Hometown and State
- Cell phone number
- Permanent address
- Home phone number
- Email address
- Major(s) and Minor(s)
- Class year
- Concentration(s)
- Full/part-time status
- Dates of attendance
- Degrees
- *For varsity athletes*: Participation in officially recognized sports, photograph, height, and weight

Release of directory information to third parties is usually a benefit to students. For example, the College can verify the current student status or graduation information to loan servicing organizations, potential employers or companies offering a student discount, or can share students' honors and accomplishments with their hometown newspapers and other media outlets. Nonetheless, FERPA provides an opportunity for students to restrict the dissemination of directory information. Students who decide to withhold directory information are protected, which means the student's name will not appear in any written material (such as Dean's List notices, Commencement Program, etc.).

In general, the College does not honor blanket requests from third parties for directory information about its current student population. However, the College does publish in the online student directory each student's name, email address, campus box number, and campus phone number. Access to this directory is restricted to members of the Washington College Faculty and Staff.

Transcript Requests

In compliance with FERPA, all requests for academic transcripts must be made by the requesting student. Washington College provides transcripts using an electronic transcript delivery service through an approved vendor. There is a convenience fee charged by the delivery service. Students can visit washcoll.edu/people_departments/offices/registrar/index.php (http://washcoll.edu/people_departments/offices/registrar/) and click on the "Transcripts" link in the navigation bar to order an official transcript. Transcripts can be delivered electronically or via USPS. This is the only way to order an official transcript and to have a transcript delivered electronically.

Transcripts of students who attended prior to 1987 are archived and only available via hard copy. Electronic copies are not available.

Transcripts are generally sent out within 24 to 48 hours. Additional time may be required during registration, grading periods, and holidays. Notifications appear on the ordering site if there is a delay in processing or the College is closed due to a holiday. Students who are in financial arrears with an office of the College (Business Office, Library, Bookstore, Central Services, or Public Safety for overdue parking tickets, etc.) my not request transcripts be sent until payment or until satisfactory arrangements have been made to clear debts.

Official transcripts are available by request. Unofficial transcripts can be accessed online in Self-Service.

Enrollment Verification Requests

In compliance with FERPA, all enrollment verification requests must be made in writing by the student. Students can email the Registrar's Office from the washcoll.edu email requesting an Enrollment Verification Request Form. This form includes students' physical signature (pen to paper). Students can print, complete, and mail or email the Enrollment Verification Request for to the Registrar's Office. Alternately, students may submit the interactive form electronically by providing a digital signature and submitting the completed form from their washcoll.edu email account.

Upon request by a student or authorized person, the Registrar's Office writes a letter to any third party stating the student's academic status and verifying any other information contained on the student's education record, provided it is factually accurate. Washington College partners with the National Student Clearinghouse (a non-profit funded by the U.S. Department of Education) to assist with student enrollment and degree completion verification.

Degrees, Majors, Minors

Degrees, Majors, Minors Policy

Bachelor's Degree Requirements

Washington College awards the Bachelor of Arts (BA) and Bachelor of Science (BS) degrees to undergraduate students, depending on their major. Students may earn a Bachelor of Arts and/or a Bachelor of Science degree.

1. Minimum 2.0 cum. GPA
2. Minimum 2.0 Major GPA
3. Minimum of 128 credits*
4. A minimum of 56 credits from Washington College, or in a Washington College-administered program.
5. Complete the General Education requirements which include the Writing Program and Distribution Requirements
6. Complete a minimum of eight courses (32 credits) in the major including the Senior Capstone Experience.
7. A maximum of six 6 courses with D grades may count toward the degree; a maximum of two D graded courses may count toward the major.

Students may declare an additional major, up to three minors, or a concentration within the major.

*Students with 127 credits, including 3 or more transfer credit hours from an institution that primarily offers 3 credit-hour courses, may appeal to the Registrar's Office to graduate with 127 credits. If the student has 127 credits, including transfer credit from an institution that does not primarily offer 3 credit-hour courses, or if the student has 126 credits, including transfer credit from an institution that primarily offers 3 credit-hours courses, the student may appeal to CASA to graduate.

Second Bachelor's Degree

Transfer students may transfer up to 72 credits, and thus must complete 56 WC credits at WC, or a WC program to reach the 128 credits required. Transfer students who have earned a bachelor's degree elsewhere must complete all WC General Education, Distribution and Major requirements.

Alumni who have completed a WC bachelor's degree and want to earn a second WC bachelor's degree must be readmitted by Admissions and complete a minimum of 32 additional credits. The second bachelor's degree may be a Bachelor of Arts or a Bachelor of Science, regardless of which degree the student has already earned. The student must complete all requirements for the major for the second bachelor's degree, including the proper sequencing of courses in the major and a second Senior Capstone Experience, which might require more than 32 credits and/or more than two semesters. No additional General Education credits are required for a second bachelor's degree.

Alumni may not repeat courses already counted toward the first degree. Grade changes are not possible after a degree has been posted.

Dual Degrees are listed in the Professional Programs area (p. 438)

Major Requirements

Normally, students declare a major before the end of the sophomore year, in time for advising the following fall. Students should discuss the selection of their major with their faculty advisor. To declare a major, students submit the Major-Minor Declaration Form for their Department Chair's signature and advisor assignment, then forward the form to the the Registrar's Office. Departments may, but are not required to permit students to declare a major provided they have completed at least 16 credits and have a minimum cumulative GPA of 2.00. Transfer and Advanced Standing credit cannot be counted toward the 16-credit requirement.

The concentrated focus of the major balances the broader focus of the distribution requirement and enables students to master a discipline. Detailed knowledge of the facts and terminology of a discipline, development of skill in the use of techniques essential to a discipline, sufficient mastery of the structure and methods of scholarly investigation to engage in independent study in a discipline—such are the objectives of the major in a liberal arts curriculum.

Normally, students declare a major before the end of the sophomore year (59 earned credits), to prepare for advising the following Fall Semester. Prior to each semester's registration period, undeclared students receive information about declaring a major. Students should discuss the selection of their major with their current faculty advisor. To declare a major, students submit the Major-Minor Declaration Form to the chair(s) of their major department(s) to obtain the appropriate signature(s), then sign and return the form to the Registrar's Office.

Departments may, but are not required to, permit students to declare a major provided they have completed at least 16 credits and have a minimum cumulative GPA of 2.00. Transfer and Advanced Standing credit is not counted toward this 16-credit requirement. Students may declare a major early, assuming the Major Department Chair agrees.

- Majors range from 34 to 78 credits
- Major minimum GPA of 2.0
- A maximum of two D graded courses may count toward the major.

Students may declare a maximum of two majors (double-major) simultaneously. Students who double-major are assigned two faculty advisors, one from each subject, and are expected to complete a 2-credit Senior Capstone Experience for each major, although a joint SCE is permitted if both Departments approve.

The Communication & Media Studies and the Human Development majors allow students to declare a concentration within the major. Students should declare the concentration at the time that they submit the Major-Minor Declaration Form, but they can declare it later.

Minor Requirements

Minors require a minimum of 20 credits. Students may not minor in the same area as their major; (for example a student can not major in biology and minor in biology, but a student could major in Business Administration and minor in International Business).

Students declare a minor using the Major-Minor Declaration form with their major advisor's signature and submission to the Registrar's Office. Departments may, but are not required to, permit students to declare a minor provided they have completed at least 16 credits hours and have a cumulative grade point average of 2.00 or higher. Transfer and Advanced Standing credit cannot be counted toward this the 16-credit hour requirement.

- Minors require a minimum of five courses (20 credits).
- A maximum of three minors is allowed.

No additional majors, minors, or concentrations can be added after the degree has been posted unless the student applies for readmission or reinstatement.

Students can never earn a minor by itself; it must be earned simultaneously with the major(s).

Exams

The Incomplete

Students must provide notice of absence from a final examination to the student to the Dean of Student Achievement and Success, the Registrar, and the instructor of the course before the scheduled time of the examination.

Regular Examinations

Instructors may give quizzes and tests with sufficient frequency to enable students to have a reasonably accurate measure of their level of work in a course as the semester proceeds. This rule applies with special force to first-year and sophomore courses.

Final Examinations

Normally, examinations are given at the end of a course as well as at other points during the semester. The final examination is to be given during the final examination period, which is the week following the last day of classes, at the time scheduled officially by the Registrar, whether this is a traditional final, that is, an examination testing the entire course, or simply the last in a series of written exercises. Examinations that conclude a series may be given toward the end of the semester only if there is a comprehensive final during the final examination period as well. Instructors may give quizzes at any time they find it useful to do so.

The duration of final examinations should not exceed two- and one-half hours. Take-home examinations may be distributed at the last class meeting for submission to the instructor during the final examination period. Occasionally, the final examination schedule prepared by the Registrar creates unusual difficulties for a faculty member or for individual students. Change in the established time of a final examination may be made, in very exceptional cases only, by permission of the Registrar.

Making Up Work

Responsibility for handing in all announced papers, reports, and projects on time rests entirely with the student. Instructors may penalize late work. A student who has missed an examination or test is responsible for making it up and must take the initiative to reach out and plan to make-up examination/test with the instructor. Instructors are not obliged to prepare make-up exams unless the student's absence was occasioned by serious and unavoidable reasons. Students who are members of varsity sports teams and who must miss an exam because of a scheduled sports event may make-up exams. In such cases, responsibility for informing the professor of an absence for an exam and for scheduling a make-up exam date rests solely with the individual student.

Grades

Grades

Students view grades via Self-Service. Grades used at Washington are listed below. Letter grades are converted into grade points according to the chart below. Other notations used on student records include: R= Repeated course; H=Honors course.

Letter Grade	Description
A	Excellent
B	Good
C	Fair

D	Pass
F	Failure

Letter grades are converted into grade points according to this scale:

Letter	Grade Point
A or A+	4.00
A-	3.67
B+	3.33
B	3.00
B-	2.67
C+	2.33
C	2.00
C-	1.67
D+	1.33
D	1.00
D-	0.67
F	0.00

Other notations used on student records include:

Letter Grade	Description
W	Withdrawal from course
P	Pass, in courses graded by this method or where the student uses the Pass/Fail option
I	Incomplete
AU	Audit
NG	Not graded, no grade available
R	Replaced course
H	Honors Course

Audit Grades

Students intending to audit a course should consult with the instructor regarding requirements.

1. Degree-seeking students may audit one or more courses without a fee, but the Business Office must be notified.
2. Non-degree seeking students (including alumni) may audit courses for $444 per course.
3. Audited courses do not earn a credit. Instructors assign an AU grade. Students who Audit are not expected to participate in individual and group projects or other assessments.

To audit a course, the student, instructor, or advisor must list the course on a Drop/Add form, followed by the notation "AUDIT," and submit it to the Registrar's Office. Non-degree seeking students submit the Non-Degree Student Registration Form.

To change a course to Audit or vice versa after it has begun, the student must make this request using the Drop/Add form, which must include the instructor's signature. At the end of the second week of classes, this status becomes permanent. Students may not shift from an Audit to credit option or vice versa after this deadline.

COVID-19 Grades

Due to the disruptions during the Covid-19 pandemic, students who earned transferred credits worth three credits at another institution during the nationwide emergency as defined by the Federal Emergency Management Agency (FEMA) (Spring 2020, Fall 2021, Spring 2022, Fall 2022, Spring 2023) are eligible to graduate with a 126 minimum credits; however, students must submit an Academic Petition to the Committee on Academic Standing & Advising (CASA) to request to graduate with fewer than 128 credits.

Due to the COVID-19 pandemic, all Spring 2020 semester courses were graded Pass/Fail. If the letter grade earned was a D- or higher, students earned a CP (COVID Pass) grade. If the letter grade was lower than a D- an F grade was assigned.

The academic transcript has no letter grades for Spring 2020. The cumulative GPA does not include Spring 2020 unless "F" grades were earned.

Students may contact the Registrar's Office for an official letter verifying Spring 2020 letter grades earned including the term GPA, but not the cumulative GPA. For external purposes, students may need to report their letter grades for Spring 2020 (graduate or professional school applications, employment, teacher certification or to maintain student discount eligibility

D Grades

No more than six courses with D grades (D+, D or D-) count toward the degree, and no more than two courses with D grades count toward the major. D grades earned in Spring 2020 courses do not count toward these limits.

Failing Grades

In case of failure in any graded course, the student may correct the deficiency using one of the following methods:

1. If the course is a graduation requirement (major, minor, or distribution requirement) other than FYS 101, then a suitable course may be taken at another institution and transferred back to Washington College.

- Before enrolling in a course at another college, the student must obtain pre-approval from the department chair and the faculty advisor using the Transfer Credit Request Form.
- The student will receive transfer equivalency for the course taken at another institution only if they earn a grade of "C-" or better and may apply this course toward the outstanding graduation requirement.

2. If the course is offered in a subsequent semester at Washington College, the student may repeat the failed course. (See the section on Repeating Courses below.)

The original grade will remain on the transcript and will be part of the semester GPA calculation.

Students who fail FYS 101 must retake the First-Year Seminar in the following semester and receive a passing grade.

Incomplete Grades (I)

If a student is prevented from completing any required coursework throughout the semester for medical reasons (as confirmed by the College's Health Services) or some other valid and compelling circumstance, the instructor may assign the temporary grade of "I" (Incomplete) to the assignment or examination. For medical or other valid circumstances that occur at the end of a semester or near the final grading period, and which prevent the student from completing work, submission of a final course grade of "I" by the instructor should denote an agreed-upon extension of time period (no later than the two weeks prior to the start of classes in the subsequent semester), in which the student may still complete and submit the work of the course to substantiate a final grade in the course. The terms of the agreement between student and faculty shall be recorded using the Incomplete Form available on the Registrar's website. Notice of necessary absence from a final examination must be given by the student to the Dean for Student Achievement and Success, the Registrar and to the instructor of the course before the scheduled time of the examination if possible.

Under no circumstances should a student be given an Incomplete as a substitute for failure, whether for an assignment, examination, or final grade. When a student fails to complete the work of a course on time without documented medical or other valid circumstances, the instructor should award a final grade consistent with their grading policies.

Students who receive a temporary Incomplete grade in a course should remain in contact with the instructor(s) of the course(s) for which they have an Incomplete and must submit the work of the course by the deadline established by the instructor, but no later than two weeks prior to the beginning of the subsequent semester from when the grade of Incomplete was recorded. If students do not finish the work of the course, the Incomplete grade is automatically changed to the pre-determined grade recorded on the Incomplete Contract after this deadline. Extenuating circumstances (long illness, for example) may make it necessary to grant an extension of the Incomplete. The student should consult with the instructor and the Dean for Student Achievement and Success, who notifies the Registrar if an extension should be granted.

Faculty may assign a grade of Incomplete to a student taking an SCE, subject to the same policy outlined above. As with all Incomplete grades, if the student has not completed the SCE coursework by the deadline established by the SCE advisor, the student's Incomplete grade will become a failing grade. When a student's Incomplete SCE grade converts to an "F" in this manner, the Registrar's Office will make an exception to the normal Drop/Add deadline for that student to register in a repeat attempt at the SCE course no later than Friday of the third week of classes. The fee for that SCE is listed in the Fees and Expenses chapter of the Catalog.

Midterm Grades

Instructors assign midterm letter grades for all first-year students, new transfer students, high school/dual enrolled students, students on academic probation, international students, and students with a cumulative GPA lower than 2.6 prior to the halfway point of the semester. Midterm grades are for students to assess their progress; they are not recorded on the transcript. Students who do not receive midterm grades should consult their professors regarding their performance through mid-term. Students view mid-term grades via Self-Service.

Pass/Fail Grades

A maximum of one non-required course graded Pass/Fail basis is allowed each semester after attaining junior status (60-91 earned credits). A Pass (P) grade equates to a D or above letter grade. The maximum number of Pass/Fail courses allowed is four. However, students who have earned 128 credits may choose additional courses as Pass/Fail, provided they do not exceed one per semester.

1. Courses for which only a Pass/Fail grade is assigned do not count toward the maximum.
2. Students on academic probation may not enroll in courses graded Pass/Fail.
3. Pass/Fail courses may not be used for General Education Requirements.
4. Pass/Fail graded courses may not be used toward major and major related requirements. All such courses must be taken for a letter grade unless all students in the course earn a Pass/Fail grade by default. Students who change majors, after requesting Pass/Fail grading may request the Pass/Fail grade be reversed to a letter grade.
5. Pass/Fail courses may not be used toward the minor. All such courses must be taken for a letter grade unless all students in the course earn a Pass/Fail grade by default. Students who change a minor, after requesting a Pass/Fail grade, may request the Pass/Fail grade be reversed to a letter grade AFTER minor requirements have been met.
6. Students must submit a Pass/Fail Option form stating which course is to be taken on a Pass/Fail.
7. At the end of the third week of classes, the Pass/Fail option is permanent; students may not shift from a Pass/Fail to a letter grade or vice versa after the third week of a term.
8. A continuing two-semester course sequence, requires a Pass/Fail form each semester.
9. Courses failed previously may not be repeated as Pass/Fail, unless the course was originally taken as Pass/Fail.

Repeating Courses

Courses taken at Washington College in which a student completed the course but earned a grade of "D+" or lower may be repeated for academic credit, if the student repeats the course at Washington College or in a Washington College-administered program and in compliance with the following guidelines:

- The student will repeat the same course; substitution of another course (including a special topics course with the same catalog number but a different topic/content) is not permitted.
  - Not all courses are offered frequently enough to be repeated (e.g., special topics courses and courses not taught on an annual basis, courses taken as part of a study abroad program, etc.).
  - Special topics courses and independent studies may not be offered as a substitute to courses from the main curriculum.
- The maximum number of attempts to repeat a course is twice (for three times total). The final grade from a student's last attempt at a course will be that course's permanent grade.
- The student will not earn additional credits for a repeat attempt; the repeat only serves to improve the grade on the previously earned credits.
- Improvement of the original grade will result in a recalculation of the student's cumulative grade point average, but not the semester grade point average. The Committee on Academic Standing and Advising will not reconsider any decision made to place the student on academic warning, probation, or suspension based on the semester GPA earned at the time.
- Courses being repeated may not be taken on a Pass/Fail basis unless it was the grading method for the first attempt.
- Courses taken at Washington College, in which a student earns a grade of "C-" or better, may not be repeated for academic credit. Under special circumstances, a student may petition the Committee on Academic Standing and Advising to repeat a course in which a grade of "C-" was received.
- As an alternative, if the course is a graduation requirement (major, minor, or distribution requirement) other than FYS 101, then a suitable course may be taken at another institution and transferred back to Washington College.
  - Before enrolling in a course at another college, the student must obtain pre-approval from the department chair and the faculty advisor using the Transfer Credit Request Form.
  - The student will receive transfer equivalency for the course taken at another institution only if they earn a grade of "C-" or better and may apply this course toward the outstanding graduation requirement.
- Students are not permitted to repeat FYS 101 if they have received a passing grade (D- or higher). Students may only repeat FYS 101 if they have previously failed the course. They can only repeat the course at Washington College.
- The student receives the credit and the grade earned in the repeated course. The original grade remains on the transcript but no longer is a part of the cumulative grade point average calculation. Credit for the repeated course is given if the course is passed.

Withdraw Grades

Withdraw (W) grades may be assigned for many circumstances.

1. **Withdrawal from individual class**: Students may voluntarily withdraw, for any reason, from a full-term class (or complete withdraw) before the end of the eleventh week of Fall or Spring semesters. Half-term classes withdraw deadline is the end of fifth week.#Students may not withdraw from an FYS seminar without the approval of the Dean of Student Achievement and Success. Students approved to withdraw from an FYS seminar must enroll in an FYS seminar in the next possible semester. A student must be registered for 12 credits to maintain full-time student status. Athletes, international students and any student who receives financial aid cannot drop below 12 credits. A student should discuss withdrawing from a class with their advisor, their coach and the Financial Aid office as withdrawing could have serious consequences.
2. A **medical withdrawal** requires students to meet with Health Services or Counseling Services and show written evidence of a documented medical diagnosis that prevents the student from completing course requirements.

   a. Health or Counseling Services advises the Dean of Student Achievement and Success and the Office of Student Affairs whether the student qualifies for a medical withdrawal.
   b. Students may be required to withdraw if their medical condition presents a risk themselves or others. Health or Counseling Services advises the student, the Dean of Student Achievement and Success, and the Office of Student Affairs, in writing, regarding requirements for the student to return to WC.
   c. Students withdrawn for medical reasons are not allowed to reside on campus, attend classes, participate in student social life or other campus activities, or use WC facilities. Withdrawn student who wish to be on campus for a short visit must submit a written request to the Associate Vice President for Student Affairs two weeks prior to the visit date.
3. Students may **voluntarily withdraw**, for any reason, from **full-term** classes (or complete withdraw) before the end of the eleventh week of Fall or Spring semesters. **Half-term** classes withdraw deadline is the end of fifth week. Students must contact the Dean of Student Achievement and Success and complete the requirements for the withdrawal process.
   a. Students must present to the Dean of Student Achievement and Success evidence of an emergency.
   b. The Dean of Student Achievement and Success informs the student's faculty advisor and instructors the student has withdrawn. All active courses are immediately and permanently graded with a "W" grade
   c. Students choosing a complete withdraw from WC, before the withdrawal deadline, but not on campus, follow the same process as above.
   d. If the withdrawal is completed prior to the end of the Drop/Add deadline, it is considered a Drop, meaning nothing appears on the transcript.
4. After a semester has ended, students choosing to not attend the following semester must contact the Dean of Student Achievement and Success after final grades have been entered.
5. Students who wish to reverse the withdraw request (prior to the deadline), must contact the Dean of Student Achievement and Success to rescind their withdrawal request.
6. The Dean of Student Achievement and Success assists students with completing the Withdrawal/Leave of Absence form as well as contacting the Office of Financial Aid, the Business Office, the Office of Student Affairs and the Registrar's Office. and informs faculty the student has withdrawn.
7. Students who participate in a study abroad or academic program that is not a WC-partner, a semester at another college or university (including Semester at Sea), a semester in a non-academic program (including National Outdoor Leadership School), or those who wish to take a break, must complete the withdrawal process as described above.
8. Students who do not register for courses in a subsequent semester and do not complete the withdrawal process, are given a one-semester grace period, during which time their academic program remains active.
9. WC automatically withdraws students if they do not return after a second semester. The student's email account and access to Self Service is inactivated.
10. If a faculty member determines that a student has committed an academic violation in that faculty member's course, the faculty member can instruct the Registrar to put a hold on a student's record to prevent the student from withdrawing from that course. At this time, the faculty member should notify the student of the placement of a withdrawal hold. The student should consult with the instructor of the course regarding the student's continued attendance. If the faculty member decides later in the semester to allow the student to withdraw, the faculty member will communicate the change to the Registrar. If the withdrawal hold remains, the faculty member can submit a letter grade for the student consistent with the faculty member's course policy at the end of the semester.

Half Semester Class Deadlines for Grading

1st Half Semester Classes

- 1st Half Semester classes begin the first day of the term and end Friday of the 7th week.
- 1st Half Semester last day to withdraw is the last day of the 5th week of classes.
- 1st Half Semester grades are due at noon the Tuesday after the last class day.
- 1st Half Semester Incomplete grades are due the Friday before 2nd Half Semester classes begin.

2nd Half Semester Courses

- 2nd Half Semester courses begin Monday after 1st Half Semester courses end and end the last day of classes for the semester.
- 2nd Half Semester last day to withdraw is the last day of the 5th week of the course.
- 2nd Half Semester grades are due at noon the Tuesday after the last class day.
- 2nd Half Semester Incomplete grades are due two weeks before the next full semester begins.

Dean's List

To be eligible for the Dean's List, a student must complete at least 12 credits in a given semester, have no "D" grades and no outstanding incomplete "I" grades. The minimum semester grade point average for Dean's List is 3.5. Students whose study abroad credits from approved study abroad partner institutions are not posted immediately upon their return are eligible for Dean's List honors.

Grade Changes

Faculty can enter grade changes later than one semester, but must be approved by the Dean of Student Achievement and Success. The instructor's records are authoritative in all matters of course requirements, grades, and class attendance.

Students may appeal a grade prior to the Drop/Add period of the next semester via a written appeal to the instructor. If the student is not satisfied with the instructor's decision the student has two weeks after the instructor's decision to submit a written appeal to the Department Chair. If the student is not satisfied with the written decision of the Department Chair, the student has two weeks to submit a written appeal to the Provost. If the instructor and the Department Chair are the same individual, the student may appeal directly to the Provost (after the instructor's decision). The Provost's decision is final.

Grade Appeals

Students who believe they were assigned a grade in error may appeal the grade by first speaking with the instructor of the course; if the instructor is not willing to change the grade, the student speaks with the Department Chair. If the Department Chair is not willing to change the grade, the student meets with the Provost. The Provost's decision is final.

Senior Capstone Experience Grades & Fees

SCE (Student Capstone Experience) Incomplete SCE grades are changed to the grade listed on the Incomplete contract, if the student does not complete the SCE coursework prior to the third Friday of classes in the subsequent semester), the s Incomplete grade converts to a failing grade. If a student's Incomplete SCE grade converts to an F "Registrar's Office makes an exception to the Drop/Add deadline for the student to register for a repeat attempt no later than Friday of the third week of classes. The fee for this is $1,500.

Graduation, Commencement & Diplomas

Degree Completion Checks

In August, the Registrar conducts degree checks for the anticipated Spring & Summer graduates who have a Spring or Summer anticipated graduation term in Colleague; the Registrar emails the results to the student and their advisor. In December, after Fall Semester grades have been posted, the Registrar conducts a second degree check for these same students and emails the results to the student's advisor.

The Registrar conducts degree checks for Fall graduates with a Fall anticipated graduation term, after the preceding Spring grades have been posted and emails them to the student and advisor.

Exception to the Total Number of Credit Hours for Graduation

Students who earn transfer credit in courses worth three credit hours at another institution are eligible to graduate with 126 or 127 credit hours upon approval by the Office of Student Records and Registration.

Graduation Application

Students planning on graduating must complete and submit a graduation application to the Registrar, via self-service.

- Fall Graduation Applications are due October 1
- Spring Graduation Applications are due December 1

While summer is not a standard graduation term at Washington College, students have the option to graduate over the summer, if needed. Please contact the Registrar's Office at registrar@washcoll.edu by April 1st for more information regarding summer graduation details.

Students who complete degree requirements in the Fall semester may participate in Commencement the following Spring semester. Fall graduates have their degree posted and their diploma mailed before the end of January, if they do not have financial obligations to the College.

Participation in Commencement

Only students who have completed, or are anticipated to complete, all requirements for a degree, as verified by the student's advisor(s) and the Registrar may participate in Commencement. Requirements for Spring graduates must be completed by the last day of Spring classes. Some departments and programs may have earlier deadlines for the completion of requirements. The deadline for Senior Spring Capstone Experience requirements is the last day of Spring semester classes. The deadline for Senior Fall Capstone Experience is three weeks after Spring semester begins.

Students who are within 8 credits of completion and are able to articulate a plan for completing their requirements before the start of the following semester, can apply to participate in Commencement. Applications must be received by the Registrar no later than 24 hours after the submission of final grades. Formal graduation and the receipt of diploma will occur after all degree requirements are met.

Students who do not wish to participate in Commencement may request to graduate in absentia via an email to the Registrar. The Registrar's Office mails the diploma to the student's diploma address, as listed on the Graduation Application, after verifying all requirements are complete, including payment of the Graduation Fee and any outstanding balance to the Business Office. All students, regardless of participation in Commencement, must pay the full Graduation Fee as listed in the Fees & Expenses section of this Catalog.

During the final semester before Commencement, the graduation eligibility of all students expected to graduate is reviewed by the Registrar's Office. If a student's record indicates they are ineligible to graduate, the student, faculty advisor(s) and the Dean of Student Achievement and Success are notified of this change in status. Such students may still participate in Commencement activities such as the senior class cruise at Mt. Vernon, the senior awards luncheon, and the senior dance and walk in Commencement, but do not earn a diploma.

The Degree Conferral date is posted as the last day of final exams for Fall Semester graduates and the last day of Summer Session Two for Summer graduates. The Conferral date for Spring is the day of Commencement. Students with outstanding financial obligations at the time of Commencement remain eligible to graduate but do not receive a diploma until the Business Office hold is cleared.

No additional majors, minors, specializations, or concentrations can be added after the degree has been posted, unless the student applies for readmission or reinstatement.

Graduation Fee

There is a $300 mandatory graduation fee for all students expected to receive a Washington College degree. Generally, the fee is billed and due during the senior or final year. The graduation fee is a one-time non-refundable fee.

Graduation Honors

Each student's cumulative grade point average and Latin honors are calculated upon graduation and listed on the official transcript. Only the academic work completed at Washington College or in a Washington College-approved program is eligible for consideration as part of the student's accumulated credit hours. Students with transfer coursework must **have accumulated at least 64 credits at Washington College to remain eligible for Latin honors.**

College honors are announced at Commencement and in the Commencement Program for students who earn the following at the end of their final term:

- summa cum laude: 3.875 and higher cumulative GPA
- magna cum laude: 3.75 to 3.874 cumulative GPA
- cum laude: 3.625 to 3.74 cumulative GPA

Departmental Graduation Honors

Departmental honors, are noted on the student's official transcript and in the Commencement Program, are determined by the quality of work done in major courses and in the Senior Capstone Experience. The minimum requirements are a 3.5 cum. GPA average in the coursework of the major and honors level work (grade of A- or higher) in the Senior Capstone Experience course.

College Graduation Awards

College and Departmental academic awards are noted on the student's official transcript and in the Commencement program.

Delayed Graduation

A student who is eligible to graduate but who wishes to extend their studies to complete a second major or a minor must apply for Provost approval before April 15 (for spring graduates) or November 15 (for fall graduates) to delay graduation. The student must need fewer than 32 credits to complete the second major or minor and must anticipate completion within one academic year. The student's academic advisor(s) must endorse the student's request and plan. The student may choose to walk with their original cohort at Commencement, but formal graduation will be deferred to the next graduation cycle after completion of degree requirements. If the student fails to complete the second major or minor within one year, then the student will be considered graduated with one major after one year. The opportunity to delay graduation also extends to teacher certifications, as well as any other academic credential that is within 32 credits of completion. Students should be aware of the Financial Aid implications of their decision and must seek guidance from the Financial Aid Office. In general, students who have already completed all the requirements for a major are no longer eligible for Federal Student Aid; students who have completed 8 semesters at WC are no longer eligible for institutional aid.

Diplomas

Diplomas are printed in the Latin language and include the following:

- Student's Diploma Name
- Degree
- Latin Honors

Duplicate Diplomas can be ordered from the Registrar's Office by:

1. Submitting a Duplicate Diploma request at a cost of $35
2. The Registrar's Office mails duplicate diplomas (they cannot be picked up)
3. If diplomas must be mailed internationally, students bear the additional cost.

Apostille Diplomas are usually required for international jobs or education institutions and must be sent with the following:

1. Notarized signature of the Registrar
2. Notarized signature of the Notary who approved the Registrar's signature.
3. Notarized signature of the Kent County Clerk
4. Notarized signature of the Maryland Secretary of State.

An apostille diploma costs $60; legalization costs $75.

Independent Study

Independent Study and On-Campus Research

Degree-seeking students pursuing a course of study not offered within the standard curriculum may undertake an independent study (e.g. a reading course, independent project, summer research, or its equivalent) with a College faculty member, if that faculty member agrees. To enroll in such a course, a student must complete the Independent Study or On-Campus Research Registration Form available from the Registrar's Office, including signatures from the instructor and department chair.

Internships and On-Campus Research require a minimum 45 hours per credit

- Internships are numbered 190, 290, 390, 490
- On-Campus Research are numbered 195, 295, 395, 495.
- Independent study and on-campus research require no less than 5 meetings with the instructor, or no less than 10 meetings with the instructor earn additional credits.
- When seeking permission from the department chair, the student should attach copies of the plan or outline of study, including a bibliography, and a document specifying the course objectives or requirements as agreed upon by the student and the supervising instructor.
- Independent study and on-campus research cannot be used to satisfy General Education requirements or the Senior Capstone Experience.
- Students may register for independent study or on-campus research on a Pass/Fail basis subject to the rules specified in the Pass/Fail Option section above.
- Students may not earn more than 16 credit hours of independent study, internship, and on-/off-campus research credits during their academic career unless they complete more than the minimum of 128 credit hours required to graduate.

More information about Internships and non-credit Externships, Job Shadowing and other experiential learning (p. 242)

Internships and Off-Campus Research

Internships and Off-Campus Research

Internships and off-campus research for academic credit may be part of an already existing program or they may be independent internships proposed by the student and a faculty member. Before beginning the internship, the student must secure a faculty member as advisor for the internship and submit all required paperwork to the Dean of Student Achievement and Success in the Provost's Office by the appropriate deadline. The internship or off-campus research opportunity must meet the following criteria to be eligible for four credit hours:

- Internships are numbered 190, 290, 390, 490
- Off-Campus Research are numbered 196, 296, 396, 496.
- Internships and Off-Campus Research require a minimum 45 hours per credit
- A minimum of 140 hours of supervised work or research experience. Internship and & Off Campus Research
- Duration of at least eight weeks of supervised experience, approved by a Department.

Internships and off-campus research cannot be used to satisfy distribution requirements or the Senior Capstone Experience.

Students may register for internships or off-campus research on a Pass/Fail basis subject to the rules specified in the Pass/Fail Option section above.

Students may not earn more than 16 credit hours of independent study, internship, and on-/off-campus research credits during their academic career unless they complete more than the minimum of 128 credit hours required to graduate.

Academic credit for an internship or off-campus research will not be entered on the student's transcript until the student has completed all requirements of the internship, including all work required by the faculty advisor for the experience and any reports required by the Dean of Student Achievement and Success in the Provost's Office.

More information about Internships and non-credit Externships, Job Shadowing and other experiential learning (p. 242)

Leave of Absence

Students may take a temporary leave of absence from the College during the semester when medical or personal emergency circumstances require that they be away from campus and/or unable to participate in classes for more than five days.

Medical Leave of Absence

Typically granted when a student needs to be off campus and/or unable to participate in classes for more than five consecutive days in order to deal with a significant medical condition.

A. The student must consult with Health Services or Counseling Services about the problem that necessitates the leave.

B. Health or Counseling Services will recommend whether a student qualifies for medical leave.

i. If the leave is approved by the Dean of Student Achievement and Success, Health or Counseling Services will advise the student, the Dean of Student Achievement and Success and the Office of Student Affairs about the requirements for the student's return to campus.

ii. The Dean of Student Achievement and Success maintains the approved leave documentation and communicates its details to Student Affairs, the student's faculty members, and the student's advisor(s).

iii. A student on a medical leave of absence may not return to classes, reside on campus, participate in student social life or other campus activities or use Washington College facilities, until Health or Counseling Services has approved their return.

iv. The student is still expected to contact their professors as soon as possible to discuss making up missed work aligned with professors' course policies as articulated in their syllabi. When discussing missing work and deadlines, faculty members should make a good-faith effort to allow students to reasonably make up work whenever possible or complete alternative assignments.

v. The Dean of Student Achievement and Success will notify the faculty once Health or Counseling Services has determined that a student has been cleared to resume course work.

C. Illnesses or other health problems that require less than five consecutive days off campus/away from classes do not qualify as a medical leave of absence and in those cases, the student is expected to notify their faculty members that they will be missing class and to discuss making up missed work.

Other Leaves of Absence

Leaves for other than medical reasons, e.g., personal emergency circumstances or bereavement.

A. The student must contact the Dean of Student Achievement and Success to discuss the leave request.

i. If approved, the Dean of Student Achievement and Success will advise the student and the Office of Student Affairs about the student's leave and will advise all parties about when the student is expected to return to campus and classes.

ii. The Dean of Student Achievement and Success maintains the approved leave documentation and communicates its details to Student Affairs, the student's faculty members, and the student's advisor(s).

iii. The student is still expected to contact their professors as soon as possible to discuss making up missed work aligned with professors' course policies as articulated in their syllabi. When discussing missing work and deadlines, faculty members should make a good-faith effort to allow students to reasonably make up work whenever possible or complete alternative assignments.

Title IX-Related Absence

An absence as a result of a Title IX supportive measure or to participate in a Title IX investigation or hearing.

A. If a student must be absent from class as a result of involvement in a Title IX case, this will be confirmed by the Title IX Coordinator and then sent to the Dean of Student Achievement and Success, who will notify faculty about the student's absence.

B. As with other absences, the student involved should also contact their professors to discuss making up any missed work aligned with the professors' course policies.

Length of Leave of Absence

A leave of absence is usually granted for up to two weeks (14 calendar days). If Health and Counseling Services has not recommended to the Dean of Student Achievement and Success that the student return by 14 days OR if the student requests an extension of the leave of absence OR if the student requests an additional leave at another time during the semester, the Dean of Student Achievement and Success reviews the student's situation, consulting with Health Services or Counseling Services when appropriate, to determine whether the student's leave should be extended or an additional leave approved. Depending upon the situation, students who are not ready to return after 14 days may be advised to withdraw from the

College for that semester. In these cases, the withdrawal is retroactive to the last day the student attended classes and is indicated on the student's transcript by grades of "W" in all courses in which the student was enrolled that semester.

Honor Code and Leave of Absence

If a student is not in good social or academic standing when they take a leave of absence or withdraw for any reason, their reinstatement of enrollment or readmission may be conditional, pending the resolution of any alleged academic or social violations of the Honor Code.

Military Policy

The award of course credit for Military Training complies with Veterans Administration regulations and guidelines as well as with the terms of the Memorandum of Understanding with the U.S. Department of Defense for the award of Tuition Assistance (TA) to Active-Duty military students as they pertain to transfer credits.

Students who return from Active-Duty, National Guard, or Reserve, or students who are spouses of military members, who are requesting to begin class late based on a military activation or deployment, must submit a copy of their military orders confirming the date of release during an academic term to the Office of Student Achievement and Success.

A student who meets the requirements listed above, will not be charged a late fee if arriving not more than 7 calendar days from the first day of a term. If there is a late start:

1. Office of Student Achievement and Success notifies the following offices:
    a. Student Affairs Office
    b. Business Office
    c. Financial Aid Office
    d. Student's Academic Advisor
    e. Registrar
2. Faculty for all classes in which the student, or spouse, is currently enrolled make every attempt to accommodate the student/spouse.

All student Active-Duty or Veterans can submit a Joint Services Transcript (JST) for consideration for college-level coursework when evaluated by the American Council on Education (ACE).

1. WC does not award transfer credit for Experience credits on the JST.

2. WC does award up to 30 transfer credits for Education credits on the JST, including up to 2 credits Physical Fitness for Basic Training.

3. WC does accept CLEP and DANTES test scores, but they must be submitted by the test provider, not from the JST.

Military students must be enrolled in at least 12 credits (at the same time) for the entire term to receive full benefits. If military students enroll in half-semester classes, they must ensure they are enrolled in 12 credits for each half of the semester.

Military students may double-major and receive benefits until both majors are complete.

Registration Policies

- Registration, Holds, Pre & Co-Reqs, Class Levels (p. 275)
- Athletic Eligibility (p. 276)
- Course Load, Full & Part Time (p. 276)
- Drop/Add (p. 276)
- Waitlists (p. 277)

Registration is an agreement with Washington College to attend and pay for the courses listed unless the courses are dropped by an approved method. Payment is always due by the start of the semester in which the course takes place. Bills for tuition and other services will be sent to the student's legal, permanent address on file before the semester of study. *Note: It is the student's responsibility to notify the Registrar's Office of any change to the legal, permanent address immediately upon making such a change.*

Registration for Entering Students

Entering first-year and transfer students register prior to the beginning of the semester while meeting with a faculty advisor or the Director of the Registrar's Office. Entering students who wish to make changes to their first semester course registration after this initial meeting must communicate their wishes to the Registrar; online changes are prohibited.

Registration, Holds, Pre & Co-Reqs, Class Levels

Registration

When students register for courses, it is an agreement between Washington College and the student to attend and pay for the registered courses unless the courses are dropped by an approved method. Payment is always due prior to the first day of the semester in which the courses are offered Bills for tuition and other services are available to students via their Self-Service.

Registration Holds

Prior to the registration period, students will find specific registration information and instructions available on the Registrar's Office website. These instructions remind the student to complete several tasks prior to the start of registration, including a review of any active holds on Self Service. Possible student holds may include a "no registration" hold from the Business Office, Health Services, the Provost's Office, Registrar's Office, or Student Affairs. Any of these holds will prevent registration for new courses until the hold is lifted by the originating office.

Registration for New Entering Students

New entering first-year and transfer students register prior to the beginning of the semester after meeting with a faculty advisor. New students, who wish to make changes to their first semester course schedule, after this initial meeting, must submit a hard copy Drop/Add form, with advisor signature to the Registrar's Office, or send an email, that contains the faculty approval email to the Registrar's Office.

Current Student Registration

Returning students register by class level (see below). Priority registration begins midway through October for the subsequent Spring and midway through March for the subsequent Fall. Registration by class level is determined by the number of credits the student has earned at the time of registration.

Class Level Standing

- Freshman: 1-27 earned credits
- Sophomore: 28-59 earned credits
- Junior: 60-91 earned credits
- Senior: 92 or more earned credits

All students who plan to attend in the coming semester should register during the priority registration period to secure their seat in courses and to avoid lapses in scholarship and financial aid eligibility. Students must schedule an appointment with their faculty advisor during the same week as their registration date with their faculty advisor, who approve them to register. Students place courses they wish to enroll in on the Planning Tab in Self-Service. The faculty review the courses and if they agree, they electronically allow the student to register.

Registration is divided into three distinct time periods:

- priority registration by class year;
- online Drop/Add for all students; and
- Drop/Add for all students.

1. Priority registration opens for Seniors on a Friday in mid-October and Seniors are given priority through the following Monday; the Senior registration period remains open through the Drop/Add period.
2. Priority registration for Juniors begins on Friday following Senior registration and Juniors are given priority through the following Monday; Junior registration remains open through the Drop/Add period.
3. Priority registration for Sophomores begins on Friday following Junior registration and Sophomores are given priority through the following Monday. Sophomore registration remains open through the Drop/Add period.
4. Freshmen registration begins on Friday following Sophomore registration and remains open through the Drop/Add period.

Prerequisites and Corequisites

Course descriptions specify whether a course has one or more prerequisites (courses that must be completed before being able to register for the desired course). Co-requisites (courses that must be taken either prior to or concurrently with the desired course). Instructors may waive a prerequisites or co-requisites.

Athletic Eligibility

Washington College is committed to developing students who excel in both academics and athletics. All athletes must satisfy the National Collegiate Athletic Association (NCAA), the Centennial Conference, and Washington College eligibility rules, which are as follows: Student-athletes must be enrolled for 12 or more credit hours in the semester of participation and must be making satisfactory progress toward the baccalaureate degree to be eligible. Student-athletes have ten semesters to complete four years of athletic eligibility. Student-athletes who are on academic probation may be scheduled for a conference with the Athletic Director or coach and the Provost's Office to determine whether it is appropriate for the student to continue athletic participation.

More Student-Athlete Information (p. 259)

Course Load, Full & Part Time

Expected Course Load

Normally, Washington College students take four courses, worth four credit hours each, every fall and spring—for a total of 16 credit hours per semester. This approach yields 32 credit hours a year and 128 credit hours over the four years that a student typically attends the College. However, students may plan a course of study with the approval of their faculty advisor(s) that involves as few as 12 credits or as many as 22 credits. Students may not enroll in more than 22 credits in a single semester without permission from the Committee on Academic Standing and Advising.

Students registered for 21 or 22 credits will incur an additional fee. Please refer to the Overload Credit Charge in the Fees and Expenses section.

Full-Time, Half-Time, and Overload

For the purposes of federal student loan deferments and NCAA requirements, full-time student status is defined as being enrolled for at least 12 credit hours per semester. Half-time student status is defined as at least 8 credit hours but not 12 credit hours. Students who fail to enroll in at least half-time status in a given semester run the risk of having federal student loans go into repayment mode. By federal law, deferral of student loans is only available to students who are actively enrolled in a half-time or greater course load. This determination is made by the loan servicer based on information supplied to it by the College.

First semester students (whether first-year students or transfer students with accumulated credits) are not ordinarily permitted to take more than 18 credit hours. This is to help these students make a successful transition into Washington College.

Students on academic probation or academic warning may not take more than 18 credit hours in any single semester and must participate in the Academic Recovery program.

Drop/Add

After the initial registration period, students may make changes to their course registrations via Self-Service until the Friday before a semester begins. All changes made during this time incur no financial penalty. During the Summer, the drop-add deadline is the second day of classes.

Currently enrolled students' registration changes are completed in Self-Service; new-entering students must submit a signed Drop/Add form (requires the signatures of the student, faculty advisor, and instructor); new students must use the Drop/Add form, even if changing from one section of a course to another.

Students registered in a course, who do not attend the first-class meeting may be summarily dropped from the course by the instructor. Students wishing to enroll in a course at or after the first meeting are admitted only at the discretion of the instructor, who will generally defer to the order of students on the waitlist for the course.

Courses that are held either the 1st Half of the Semester, or the 2nd Half of the Semester are typically one or two credit courses that meet for seven weeks. Students should register for these courses during the normal registration period but are permitted to add or drop as listed below.

1ST HALF SEMESTER CLASSES

- 1st Half Semester classes begin the first day of the term and end Friday of the 7th week.
- 1st Half Semester last day to withdraw is the last day of the 5th week of classes.
- 1st Half Semester grades are due at noon the Tuesday after the last class day.
- 1st Half Semester Incomplete grades are due the Friday before 2nd Half Semester classes begin.

2ND HALF SEMESTER COURSES

- 2nd Half Semester courses begin Monday after 1st Half Semester courses end and end the last day of classes for the semester.
- 2nd Half Semester last day to withdraw is the last day of the 5th week of the course.
- 2nd Half Semester grades are due at noon the Tuesday after the last class day.
- 2nd Half Semester Incomplete grades are due two weeks before the next full semester begins.

Waitlists

When a course section appears online “closed” or “waitlisted”, students may add themselves to the waitlist for that section. While not all courses allow waitlisting, most Departments use waitlists. Frequently waitlists assign a higher position based on class (seniors, then juniors, etc.) and academic program (majors, then minors, then non-majors, etc.). The Registrar’s Office runs a daily waitlist process which automatically adds the first student on the waitlist to an available seat. Students who have added themselves to a waitlist can monitor their current position on the waitlist via Self-Service.

Students may not add themselves to a waitlist for a section if they are already registered for a different section of the same course. Additionally, students nearing the top of a waitlist should clear any schedule conflicts that may prevent the Registrar’s Office from adding them to the section when a seat becomes available. A staff member from the Registrar’s Office will typically contact a student who has such a conflict via email and grant them one business day to adjust their schedule. After 24 hours, the available seat will be offered to the next student on the waitlist. Thus, it is imperative that students regularly check their college email account for such notifications.

Summer Academic Program

2025 Fees and Expenses

Fee	Residentail	Non-Residental
Tuition	$2,300 per course	$2,300 per course
Student Service Fee	NA	NA
Student Health Fee	NA	NA
Campus Housing Varies by type	$175-$245 per week	NA
Food service (Board)	NA	NA
Total	$2300 per course	$2300 per course

Washington College offers regular courses during the summer, in two four-week sessions—Session 1, from late May to late June, and Session 2, from late June to late July. Courses meet five days a week for three-hour sessions. See the Academic Calendar (p. 237) for date information.

Maximum Credits

Students may take a maximum of two courses (8 credits) in the summer program each year and a maximum of 4 credits in one module. Students seeking an exception to this policy may petition the Dean of Academic Achievement and Success.

Billing and Payment Policies

Tuition, Fees, Room, Board, and Financial Aid

Payment for tuition, fees, room, and board is due one month prior to each summer session. At the beginning of the Summer Term, pending financial aid is allowed as a credit to the student’s account, and is counted as payment until the second Friday in June for Session 1 and the second Friday in July for Session 2. Students who have not completed all necessary paperwork to finalize pending aid by that time are required to pay in full. If financial aid is later reinstated, the student will be given a full refund of any credit balance. This refund is available by contacting the Business Office. Students who have not paid in full, or who have not made satisfactory arrangements to pay in full using financial aid, by the due date for the semester, will not be considered as having met their financial obligation. A late payment fee will apply, and the student may be removed from class and housing assignments if payment arrangements are not made by the due date. Tuition fees for the Summer Term are not eligible for tuition waivers or “More Able” rates.

Late Fee

The amount of the late payment fee is $200. A late fee is charged when a student: has not paid their account in full or made payment arrangements by the officially posted due date for the Summer Term; or has financial aid cancelled, in any manner. Until this obligation has been met, students may not return to campus, attend classes, or obtain keys or a college ID card. Students may also be removed from class and housing arrangements. All students are required to complete and submit to the Business Office an Information Release/Responsibility Form. This form serves as consent for Business Office personnel to discuss questions regarding the student’s account with the indicated parties. Only those persons listed may be given information regarding the student’s account.

All new students must e-sign the Financial Responsibility Agreement.

Other Student Charges

The Business Office bills each month for fines incurred by the student. These include parking violations, Library fines, Honor Board fines, dorm damages and other assessed charges. Parents/guardians should first discuss questionable charges with the student and/or appropriate department head, before calling the Business Office. Students are notified in writing when any fines are levied. Dorm damages are assessed after moving out and are billed within two weeks of the end of the session. All charges are due upon receipt of the monthly Student Statement of Account. Any charge that is outstanding for more than 30 days may result in grades not being sent, transcripts of academic credit not being issued, a diploma not being issued,

and pre-registration for subsequent semesters may be delayed. Students may view their student account through the Washington College Web site using Student Self-Service.

Payments

Washington College Business Office accepts cash, cashier's checks, traveler's checks, wire transfers, and money orders in payment of student accounts. Wire transfer information can be obtained by calling the Accounts Receivable Specialist in the Business Office (410-778-7736). Personal checks are also accepted, unless there has been a previous incident of payment by check that was returned for non-sufficient funds. Once a non-sufficient funds check has been returned to a student's account, future payments must be made using another acceptable form of payment. Post-dated checks are not acceptable. Credit card payment for student account balances may only be made via the Student Self-Service on the Washington College Web site, there is a convenience fee for this service. E-Check payment can be made via Student Self-Service on the Washington College Web site, there is no fee for this service.

Personal checks submitted for payments on student accounts should have the student's college ID number written on the face of the check.

DeWar tuition refund insurance and Official Payments tuition installment payment plans are not available for the Summer Term.

Withdrawals and Refunds

Tuition refunds or credits for summer courses will be allowed only if the student withdraws by deadline listed on the Academic Calendar (p. 237).

Students who withdraw from the College during a summer session are responsible for all nonrefundable amounts. If it is a disciplinary withdrawal, the College makes no refund of any kind.

Residence hall spaces are assigned for each session; therefore, no refunds or credits for rooms are given for withdrawing during a Module. Board refunds or credits are determined on a pro-rated basis.

Registration

Matriculating students, entering first-year students, transfer, dual-enrollment, and non-matriculating students register for summer courses in the spring.

Registration Holds

Prior to the registration period, students will find specific registration information and instructions available on the Summer Term web page (https://www.washcoll.edu/academics/summer-term/). These instructions remind the student to complete several tasks prior to the start of registration, including a review of any active holds in Self-Service. Student holds may include a "no registration" hold from the Business Office, Health Services, the Provost's Office, or Student Affairs. Any of these holds will prevent registration for new courses until the hold is lifted by the originating office.

Drop/Add

After the initial registration period, students may make changes to their course registrations via Self-Service according to the dates listed in the Academic Calendar (p. 237).

Students who do not attend the first class meeting may be dropped from the course by the instructor. Students wishing to enroll in a course at or after the first meeting are admitted only at the discretion of the instructor, who will generally defer to the order of students on the waitlist for the course.

Withdrawal from Courses

Students may withdraw from one or more summer courses without academic penalty until the deadline listed in the Academic Calendar (p. 237). A "W" grade is listed on the transcript. Students seeking to Withdraw from a course (as distinct from withdrawal from the College) must first discuss it with the Dean of Academic Achievement and Student Success.

If faculty determine a student has committed an academic violation, the faculty member can instruct the Registrar's Office to put a hold on a student's record to prevent the student from withdrawing from that course. The instructor should notify the student of the placement of a withdrawal hold. The student should consult with the instructor of the course regarding the student's continued attendance. If the faculty member decides later in the Module to allow the student to withdraw, the faculty member communicates the change to the Registrar's Office. If the withdraw hold remains, the faculty member can submit a letter grade for the student consistent with the faculty member's course policy at the end of the Summer Module.

Pass/Fail and Auditing

Summer courses may not be taken pass-fail or as audits.

Summer Evaluation and Grading Policies

Attendance

It is the responsibility of students at Washington College to attend promptly each class meeting scheduled in every course in which they enroll. Given the compressed nature of summer courses, this is especially true for summer courses. Students on probation are expected to attend all classes without exception and should contact the Dean of Student Achievement and Success about any absences that are truly unavoidable. A faculty member's attendance policy may include failure of the course for excessive absences. Students are encouraged to ask their professors about any attendance policies that are not clear to them.

Members of the faculty are under no obligation to accept any student who misses the first day of class. Faculty have the right to drop from a course any student who does not attend on the first day of classes. Students who cannot attend on the first day but would like to remain in the course must contact their instructors before the first day of class.

A student who is repeatedly absent, or whose attendance continues to be unsatisfactory following a warning from the instructor, will be reported by his or her instructor to either the Registrar's Office or the Dean for Student Achievement & Success.

When an instructor is more than ten minutes late to a class, the students may leave without penalty.

Regular Examinations

Instructors may give quizzes and tests with sufficient frequency to enable students to accurately measure their level of work in a course as the Module proceeds. This rule applies with special force to first-year and sophomore courses.

Final Examinations

Normally, examinations are given at the end of a course as well as at other points during the Module. Summer Final Exams are conducted by the faculty in the final days of the class duration.

The duration of final examinations should not exceed two- and one-half hours. Exams may be in-person or online/take-home, at the discretion of the faculty member.

Other provisions (Waitlists, Making up Work, Grading System, Incompletes, Failed Courses, Repeating Courses): as per provisions for all courses at the college, as specified elsewhere in this catalog.

Medical Withdrawal

A student who requests a Summer medical withdrawal must present to Health Services or Counseling Services evidence of a documented medical diagnosis that prevents them from completing course requirements. Health or Counseling Services advises the Dean of Student Achievement and Success and the Office of Student Affairs whether the student qualifies for a medical withdrawal. A student may be required to withdraw if their medical condition presents a risk to themselves or others. In either case, Health or Counseling Services advises the student, the Dean of Student Achievement and Success, and the Office of Student Affairs, in writing, what the student must do to return to the College after treatment of the medical condition. The Dean of Student Achievement and Success helps the student contact the Office of Financial Aid, the Business Office, the Office of Student Affairs, and the Registrar's Office and informs the faculty the student has withdrawn.

A student who is withdrawn for medical reasons is not allowed to reside on campus, attend classes, participate in student social life or other campus activities, or use Washington College facilities. If the withdrawn student wishes to be on campus for a short visit as a guest, the student must submit a written request to the Associate Vice President for Student Affairs two weeks prior to the date that the student wants to visit.

Leave of Absence

Due to the compressed nature of the summer schedule, students may not take Leaves of Absence during summer courses.

Transfer Credit & Articulation Agreements

Transfer Credit Policy

- The institution must be fully accredited by a regional accrediting agency approved by the U.S. Department of Education.
- The course must be comparable in content and academic level to courses offered at Washington College.
- Except for Direct Transfer students (see below) who have completed their A.A. or A.S.,
  a. Transfer credit is only accepted for courses where a final grade of "C-" or higher is earned; and
  b. Courses taken Pass/Fail at another institution are not considered for transfer credit.
- Except for Direct Transfer students who have completed their A.A or A.S, the W2 General Education Requirement may not be met with transfer credit.
- Transfer evaluations for new-entering students are completed by select Faculty.

- Transfer students transferring in 28 or more credits are exempt from taking FYS 101 First-Year Seminar. First-time college students transferring in 28 or more hours of advanced placement or dual enrollment credit are required to take FYS 101 First-Year Seminar.
- Students must complete 24 of the last 32 credits in residence at Washington College or in a Washington College-administered program.

WC does not award transfer credit equivalency for life- or work-related experience. Students seeking such transfer credit may consider taking a College Level Examination Program (CLEP) (p. 282) exam offered by The College Board, which the College does accept as equivalent to courses from its curriculum.

To receive transfer credit for a course taken at another college or university, students should consult their faculty advisor and then secure pre-approval for the proposed course(s) from the Department Chair(s) who offer a similar course. Students may have to provide a course description or syllabus for the course(s). Each department sets its own transfer credit policies regarding approval for transfer courses taught online or in other non-traditional formats. To approve a course for transfer credit, the department chair must sign the Transfer Credit Request Form (https://www.washcoll.edu/people_departments/offices/registrar/student-forms.php), provided by the student. Students must return the signed Transfer Credit Request Form to the Registrar's Office before enrolling in the course.

Students may need to apply for admission to the college or university where they intend to take the transfer course(s). If needed, the Registrar's Office can write a "letter of good standing" to the other institution stating that the student has permission to take outside courses. To request such a letter, the student should send a request to registrar@washcoll.edu.

At the completion of the course, students must request an official transcript from the other college or university be sent directly to the Registrar's Office. Transfer credit is not posted on the student's Washington College transcript until the Registrar's Office has received both the completed Transfer Credit Request Form and the official transcript from the other college or university.

Grades from transfer courses do not factor into the calculation of a student's cumulative WC GPA, nor will the final grade(s) from the transfer course(s) appear on the student's WC transcript. Students may not use a transfer course to replace a passing grade and credits previously earned at WC. Students may transfer a course to replace a course required for graduation (major, minor, or distribution) provided that the grade earned at WC was an "F" (failing) grade, but the original grade will not change the cumulative GPA.

Transfer Students

To earn a degree at Washington College, no more than 72 credit hours of the total credits required for the degree may be met with transfer credits. Therefore, a minimum of 56 credits must be earned at WC, or in a Washington College-administered program.

Direct Transfer: Transfer students with a completed A.A. or A.S. degree from any Maryland community college, or another community college with whom Washington College has a "Direct Transfer" agreement, are granted junior standing upon matriculation. These students have all General Education requirements met, including W1 and W2, with the exception of the foreign language requirement.

Transfer students from colleges with whom Washington College does not a have a "Direct Transfer" agreement, even though the students may hold an associate degree, have their coursework evaluated and are granted appropriate transfer credit.

Flexible Transfer Curriculum

Students who are admitted to WC with 28 or more approved transfer credits from regionally accredited institutions are allowed the following flexible General Education Distribution requirements.

1. The W1 & W2 Writing Requirement may be met with:
   a. Freshman Composition I and Freshman Composition II
2. The Natural Science requirement may be met with:
   a. Two natural sciences courses, one must include a lab.
3. The Quantitative requirement may be met with:
   a. Statistics
   b. Calculus,
   c. Logic, **OR**
   d. Music Theory courses.
   e. College algebra, pre-calculus, and similar courses may apply toward a WC degree, under the TRN code, but do not complete the WC Quantitative requirement.
4. The Humanities & Fine Arts requirement maybe met with:
   a. Three courses from three different humanities subjects, (except for PHL 108 Logic).
   b. Three courses in different Fine Art subjects (except for courses equivalent to MUS 131, 132, 231).
   c. Public Speaking courses which count as Humanities Distribution
5. The Social Science requirement may be met with:
   a. 100-, 200-, or 300- level History courses
   b. 100-, 200-, or 300- level Political Science courses.

c. 100-, 200-, or 300- level Psychology courses.
d. 100-, 200-, or 300- level Sociology courses.
e. Criminal justice (theory courses are acceptable; however, applied courses like arrest processing or similar do not count toward the requirement)
f. Three courses from different Social Science subjects.

Advanced Standing

Washington College may grant credit up to 32 credit hours for advanced standing upon a student's entrance into the College. Department chairs review the examinations offered by The College Board (CLEP) (p. 282), International Baccalaureate (IB) (p. 282), and Cambridge International Examinations (CIE) (p. 283), in consultation with the faculty in their department, to determine the number of credits and the WC course equivalency that should be offered to entering students with high exam scores.

Advanced standing credit does not exempt students from FYS 101 First-Year Seminar.

Advanced Standing credits are Advanced Placement (AP), International Baccalaureate (IB), Cambridge International Examination (CIE) earned while in high school. Washington College accepts scores from these three examinations according to the requirements listed below. While these scores are typically sent as part of the Admissions process, current students may request to have these scores sent to the Registrar's office by contacting the exam organization directly. The **maximum number of credit hours allowable** via advanced standing is 32 credits.

AP Exam	Score	WC Equivalent	Distribution Area
Art History	4, 5	ART 105	Fine Arts
Art Studio	5	Subject to portfolio review by the A + AH Department	Fine Arts
Biology	4	BIO 112	Natural Sciences
Biology	5	BIO 111, BIO 112	Natural Sciences
Calculus AB	4,5	MAT 111	Quantitative
Calculus BC	4,5	MAT 111, MAT 112	Quantitative
Calc AB Subscore	4,5	MAT 111	Quantitative
Chemistry	3, 4	CHE 194	
Chemistry	5	CHE 194, CHE 220	Natural Sciences
Comparative Gov & Politics	4, 5	POL 194	
Computer Science A	4, 5	CSI 111	Quantitative
Computer Science Pr	4, 5	CSI 100	Quantitative
Economics – Macro	4,5	ECN 111	Social Sciences
Economics – Micro	4,5	ECN 112	Social Sciences
English Language or Literature (beginning fall 2016)	4,5	ENG 101	Humanities
Environmental Science	5	ENV 101	Does not satisfy distribution
German Language / Literature	4,5	GRS 201, GRS 202	Foreign Language
Government / Politics – U.S.	4,5	POL 102	Social Sciences
History – European	4,5	HIS 203, HIS 204	Social Sciences
History – U.S.	4,5	HIS 201, HIS 202	Social Sciences
History – World	4,5	HIS 205, HIS 206	Social Sciences
Human Geography	4,5	ANT 194	Does not satisfy Distribution
Latin-Vergil	4, 5	FLS 300, FLS 400	Foreign Language
Music Theory	4	MUS 131	Quantitative
Music Theory	4,5	MUS 131 & may receive credit for MUS 132 upon instructor approval	Quantitative
Physics 1	4,5	PHY 101	Natural Sciences
Physics 2	4,5	PHY 102	Natural Sciences
Physics B	4, 5	SCI 100	Natural Sciences
Physics C – Elec. / Magn.	4,5	PHY 112	Natural Sciences
Physics C – Mechanics	4,5	PHY 111	Natural Sciences
Psychology	4	PSY 111	Social Sciences
Psychology	5	PSY 111, PSY 112	Social Sciences

Spanish Language / Literature	4,5	HPS 201, HPS 202	Foreign Language
Statistics	4,5	MAT 109	Quantitative

Students who complete the International Baccalaureate (IB) curriculum during high school should submit an IB transcript or certificate of completion to substantiate their final exam grades. Only scores of 5, 6, or 7 on the Higher Level test are considered by Washington College for advanced standing equivalency.

The list below only represents the IB High Level tests for which students entering Washington College have sought credit equivalency in the past. Students who have taken a test that does not appear on the list below should contact the Registrar for more information about possible advanced standing.

IB Exam	Score	WC Equivalent	Distribution Area
Biology HL	5	BIO 112	NSQ
Biology HL	6,7	BIO 111, BIO 112	NSQ
Chemistry HL	5 or higher	CHE 194, CHE 220	NSQ
Economics HL	5 or higher	ECN 194	
English HL	5, 6	ENG 211	HFA
English HL	7	ENG 211, ENG 212	HFA
History of Africa & Middle East HL	5 or higher	HIS 294	
Psychology HL	5, 6	PSY 112	SSC
Psychology HL	7	PSY 111, PSY 112	SSC
Spanish B HL	5, 6	HPS 201	Foreign Language
Spanish B HL	7	HPS 201, HPS 202	Foreign Language
Swedish HL	5, 6	FLS 201	Foreign Language
Swedish HL	7	FLS 201, FLS 202	Foreign Language
U.S. History HL	5, 6	HIS 201	SSC
U.S. History HL	7	HIS 201, HIS 202	SSC
World History HL	5 or higher	HIS 294	

CLEP (College Level Examination Program) exams are normally used by adults who have been out of school for some time, veterans, or those who have never taken college-level work, but have acquired a solid background through their own broad experiences and efforts. Most Departments require a minimum score of 50% or higher on CLEP exams to establish a baseline of competency-based knowledge in the subject.

CLEP Exam	Score	WC Equivalent	Distribution Area
American Government	55 or higher	POL 102	SSC
American Literature	55-65	ENG 210	HFA
American Literature	66 or higher	ENG 209 & ENG 210	HFA
Biology	50 or higher	BIO 100	NSQ
Chemistry	65 or higher	CHE 194, CHE 220	NSQ
Educational Psychology	70 or higher	EDU 252	SSC
English Literature	55-65	ENG 208	HFA
English Literature	66 or higher	ENG 208, ENG 209	HFA
Financial Accounting	50 or higher	BUS 112	Not Gen-Ed
French Language	55-65	FRS 201	Foreign Language
French Language	66 or higher	FRS 201, FRS 202	Foreign Language
German Language	55-65	GRS 201	Foreign Language
German Langauge	66 or higher	GRS 201, GRS 202	Foreign Language
Intro to Business Law	50 or higher	BUS 303	Not Gen-Ed
Macroeconomics	55 or higher	BUS 303	SSC
Microeconomics	55 or higher	ECN 112	SSC
Principles of Marketing	5o or higher	BUS 111	Not Gen-Ed
Principles of Management	50 or higher	BUS 302	Not Gen-Ed
Sociology	55 or higher	SOC 101	SSC
Spanish Language	55-65	HPS 201	Foreign Language
Spanish Language	66 or higher	HPS 201, HPS 202	Foreign Language

U.S. History	55 or higher	HIS 201	SSC
U.S. History II	55 or higher	HIS 202	SSC
Western Civilizations I	55 or higher	HIS 205 or HIS 206	SSC
Western Civilizations II	55 or higher	HIS 203 or HIS 204	SSC

Cambridge International Examinations (CIE) Students who complete the CIE curriculum (A- or AS-levels) during high school are welcome to submit a CIE transcript or certificate of completion to substantiate their coursework in this program. Students should contact the Registrar for more information about possible advanced standing.

Withdrawal from the College & Readmission

A student who withdraws from their studies at Washington College will find that this decision carries with it many consequences. Withdrawal can affect eligibility for continued access to financial aid or student loan deferral, College-based or external scholarship programs, private health insurance, and other insurance coverage. Thus, it is imperative that students who wish to withdraw from the College first complete the required paperwork and attend exit counseling where appropriate. The Dean of Student Achievement and Success assists students with the process of withdrawal, but it is ultimately the student's responsibility to inform him or herself about the overall effects of a withdrawal. See more about Withdrawal in the Grades Policy (p. 265)

Exit Interview

Students who plan to withdraw either temporarily or permanently for reasons of transfer, employment, or personal circumstances must contact the Dean for Student Achievement and Success and complete the Withdrawal process. The purpose of this process is to explore factors behind the withdrawal decision, to find out how the College can assist the student through their transition, and to gain feedback on the student's experiences at Washington College.

Refund Schedule

Students who withdraw from the College during a semester are responsible for all non-refundable fees. When the student withdrawal results from a disciplinary action, the College makes no refund of any kind. Tuition refunds or credits will be allowed according to the following schedule:

- Before classes begin: 100%
- During the first two weeks of the semester: 75%
- During the third week of the semester: 50%
- During the fourth week of the semester: 25%
- After the fourth week of class there will be no refund.

Fees for other services are generally not refundable after the start date of the semester. Places in residence halls are assigned for the full semester; therefore, no refunds or credits for rooms are given for a student withdrawing after classes begin. Board refunds or credits are determined on the same basis as the tuition refunds except for students who officially withdraw for medical reasons.

Medical Withdrawal

A student who needs to take a medical withdrawal at any time must present to Health Services or Counseling Services evidence of a documented medical diagnosis that would prevent the student from completing course requirements. Health or Counseling Services advises the Dean of Student Achievement and Success and the Office of Student Affairs about whether the student qualifies for a medical withdrawal. A student may be required by the College to withdraw if their medical condition presents a risk to him or herself or others. In either case, Health or Counseling Services advises the student, the Dean of Student Achievement and Success, and the Office of Student Affairs, in writing, about what the student must do in order to return to the College after treatment of the medical condition. The Dean of Student Achievement and Success helps the student (a) contact the Office of Financial Aid, the Business Office, the Office of Student Affairs and the Registrar and (b) complete the Withdrawal/Leave of Absence process, and informs the faculty that the student has withdrawn.

Voluntary Withdrawal

Before the Withdrawal Deadline: Students may voluntarily withdraw from the College before the course withdrawal deadline (normally the end of the eleventh week of the semester) for any reason. A student who wants to withdraw voluntarily from the College before the course withdrawal deadline must contact the Dean of Student Achievement and Success and complete the requirements for the withdrawal process. The Dean of Student Achievement and Success informs the student's faculty advisor and current instructors that the student has withdrawn. All active courses will be immediately and permanently graded with a "W" grade representing the student's choice to withdraw, unless the withdrawal process was completed prior to the end of that semester's Drop/Add deadline, in which case no grade will appear on the transcript. A student who wants to withdraw from the College before the course withdrawal deadline but is not on campus at that time must follow the same process outlined above.

After the Withdrawal Deadline: After the course withdrawal deadline, in order to voluntarily withdraw from the College for any reason other than a documented medical condition, a student must present to the Dean of Student Achievement and Success evidence of an emergency. If the request is granted, the Dean of Student Achievement and Success helps the student contact the Office of Financial Aid, the Office of Student Affairs, the

Business Office and the Registrar and complete the withdrawal process and informs the faculty that the student has withdrawn. All active courses will be immediately and permanently graded with a "W" grade representing the student's choice to withdraw. For students who stop attending classes at the College without being approved for a withdrawal, all active courses will be permanently graded with whatever grade the student earned up to the point they stopped attending, which may be grade of "F".

After the semester has ended: A student who wants to voluntarily withdraw from the upcoming semester at the College should contact the Dean of Student Achievement and Success. The Dean of Student Achievement and Success helps the student contact the Office of Financial Aid, the Office of Student Affairs, the Business Office, and the Registrar and complete the withdrawal process. The process will not be completed until all final grades for the student are received by the Registrar. A student who changes their mind prior to this point is welcome to contact the Dean of Student Achievement and Success and rescind their withdrawal request.

A student who decides to voluntarily withdraw from the College in between semesters (after leaving campus) must still complete the above steps and may ask the Dean of Student Achievement and Success for assistance in completing the withdrawal process while away from campus.

Note: Students who intend to leave Washington College to participate in a study abroad or academic program that is not a WC-partner, a semester at another college or university (including Semester at Sea), a semester in a non-academic program (including National Outdoor Leadership School), or those who simply wish to take a break from their studies must complete the withdrawal process as described above.

Readmission/Reinstatement of Enrollment

A student who has voluntarily withdrawn from the College in good standing academically and socially and wishes to return, and who has not taken college-level courses at another institution during their time away from Washington College, must contact the Dean of Student Achievement and Success and request Reinstatement of Enrollment. They are then reinstated. A student who has voluntarily withdrawn from the College and, while away, has taken college-level courses at another institution without prior approval from the Dean of Student Achievement and Success must apply to the Admissions Office for Readmission as a transfer student.

A student who has been on a medical withdrawal and wishes to return to the College must demonstrate that they have complied with the recommendations made by Health or Counseling Services when the student withdrew and must have the approval of Health Services or Counseling Services to return. Health or Counseling Services advises the Office of Student Affairs and the Dean of Student Achievement and Success in writing that the student is eligible to return. The Dean of Student Achievement and Success then reinstates the student. Students who have been on a medical withdrawal do not have to apply for readmission.

Merit-based scholarships are generally not reissued to students who withdraw from the College and subsequently apply for readmission, including students who voluntarily withdraw to participate in a study abroad or academic program that is not a partner of Washington College. Students who withdraw and apply for readmission are considered for all appropriate need-based aid programs if they meet the College's need-based aid application deadlines.

Students who receive merit-based scholarships and withdraw, but do not require readmission because they have not taken college-level courses at another institution, will have their merit-based scholarships reissued provided their cumulative grade point average was at least a 3.00 at the time of their withdrawal. However, students who receive merit-based scholarships and who have been approved for an official medical withdrawal and did not have a 3.00 cumulative grade point average at the time of their withdrawal are allowed the benefit of one additional semester of merit-based scholarship aid before any adjustment to the award is determined.

Readmission After Suspension

Students suspended starting with Fall 2024 must complete the full application in order to be reviewed for readmission.

Students suspended prior to Fall 2024 who wish to be readmitted must write a letter to the Dean for Student Achievement and Success requesting readmission. In order to be considered for readmission a student must:

- Present evidence of further academic progress, which includes completing at least two courses with a grade of "C" or better and having a cumulative grade point average of 2.00 or better at the institution where the courses were taken.
- Contact the Registrar to discuss their selected courses at another institution.
- Complete the Transfer Credit Request Form and submit this form to the Registrar's Office prior to registering for the courses.
- Submit to the Registrar's Office an official transcript of all coursework taken during the period of suspension. Students may not be readmitted for the semester immediately following their suspension but may resume study at the College (if approved) after one full semester has passed.

Admission, Financial Aid & Business Office

- Admission (p. 285)
- Business Office (p. 287)
- Financial Aid (p. 290)

Admission

- New Student Admission (p. 286)
- Transfer Student Admission (p. 287)
- Readmission (p. 287)

Washington College is a selective national liberal arts college. Through the application and supporting credentials, the Admissions Committee seeks to learn as much as possible about each candidate for admission. In addition to the official transcript, a counselor recommendation is considered in evaluating the secondary school experience. Standardized test scores are also part of the admission process but are considered to be subordinate to the secondary school record. Test-optional admission is available for most students. Other factors that are considered include the admission essay/personal statement, extracurricular activity profile, and interview.

Then, on the basis of scholastic achievement, personal characteristics, and overall potential for success in a collegiate environment, the Committee selects for admission those individuals whose abilities, attributes, and interests match our criteria for the entering class.

There are two ways to apply to Washington College, through the Washington College application or the Common Application for Admission. The Common Application is available in most secondary school guidance offices, online at www.commonapp.org (http://www.commonapp.org).

Deposits

Once admitted to Washington College, full-time matriculating undergraduate students are required to pay a $350 non-refundable enrollment deposit. The College reserves places in the entering class in the order deposits are recorded.

In addition to semester fees, all undergraduate students are required to maintain a security deposit of $300 throughout their College careers.

Application Fee

There is no application fee for 2025-2026.

If English is not the applicant's first language, results of a language proficiency assessment (TOEFL, IELTS or their equivalent) must be submitted to the Admissions Office. Students who have been educated in an English-speaking curriculum may submit SAT or ACT scores in lieu of TOEFL/IELTS scores.

Home-Schooled Students

Washington College welcomes applications from home-educated students. Applicants will be required to

- submit a completed application form and essay/personal statement,
- submit official results of either the SAT-I or ACT examinations (the "score optional" policy does not apply to home-schooled applicants),
- submit a transcript (or its equivalent) of academic coursework, and
- submit one letter of recommendation.

International Student Admission

International students are encouraged to apply to Washington College and should review all information posted for international students at the College website: washcoll.edu/international-apply (http://washcoll.edu/international-apply/).

If English is not the applicant's first language, results of a language proficiency assessment (TOEFL, IELTS or their equivalent) must be submitted to the Admissions Office. Students who have been educated in an English-speaking curriculum may submit SAT or ACT scores in lieu of TOEFL/IELTS scores.

Washington College recognizes the International Baccalaureate (p. 282) curriculum, Higher Level courses, and diploma for the following purposes: admission, the assigning of advanced standing credit, and the fulfillment of requirements for distribution, prerequisite courses, and graduation. No special use is made of Standard Level course credits. Students who receive grades of 5, 6, or 7 in the Higher Level examinations may receive a maximum of one full year of credit. Advanced standing for high academic achievement in other international education systems will be considered on a case-by-case basis.

International students who require a student visa to enter the United States are required to submit a health form with current immunization records and chest x-ray results, and an affidavit of financial support; these documents are sent to all admitted applicants and must be returned no later than June 1.

New Student Admission

Notification and Reply Date

Prospective students may apply to the college through the Early Decision, Early Action, or Regular Decision processes and deadlines. For more details on each deadline, please see the “Special Admissions Programs” section.

Early Decision candidates must apply by November 15 and will be notified by December 15. Early Decision is a binding admissions agreement.

Early Action candidates must apply by December 1 and will be notified by January 15. Regular Decision candidates must apply February 15 and will be notified by April 1. Transfer admissions applications can be submitted and are reviewed on a rolling-basis.

Since Washington College subscribes to the Candidate’s Reply Date Agreement, the required $350 enrollment deposit must be received no later than May 1 for all Early Action and Regular Decision applicants. The deposit is non-refundable and will be applied toward first-semester bills.

School Records

An official secondary school transcript is required of all candidates for admission to Washington College. The following college preparatory units are recommended: four years of English; four years of social studies; four years of mathematics, including Algebra II; three years of a lab science; and two years of a modern foreign language or Latin. Considerable emphasis is placed upon the rigor of the candidate’s course load in any given year (especially the senior year), and on participation in accelerated, honors, advanced placement, or international baccalaureate courses.

Recommendations

A written statement from the secondary school college advisor or guidance counselor (or college faculty advisor if a transfer applicant) should be submitted on the applicant’s behalf. An optional teacher evaluation by a teacher of a major academic subject taken within the last two years may also be submitted on the applicant’s behalf. Additional teacher references may be submitted if so desired.

Standardized Testing

Results of either the SAT I or ACT should be sent directly to Washington College (institution code #5888) by the testing agency. Unless requested, transfer candidates who have completed more than two semesters of college-level coursework are not required to submit results of standardized testing.

Although SAT and/or ACT scores can, in some cases, help to inform the review process, we believe that students with a strong record of academic performance should not be penalized by test results that are inconsistent with their grades. With this point in mind, we have instituted a ‘Test Optional’ policy for most applicants. International and homeschool applicants will be asked to report test scores.

If English is not the applicant’s first language, results of a language proficiency assessment (TOEFL, IELTS or their equivalent) must be submitted to the Admissions Office. Students who have been educated in an English-speaking curriculum may submit SAT or ACT scores in lieu of TOEFL/IELTS scores.

Special Admission Programs

Early Decision: Binding

The Early Decision option requires applicants to certify that

- Washington College is their first choice and that
- an offer of admission, if extended, will be accepted.

The application deadline for early decision candidates is November 15. A signed Early Decision Agreement is required for Early Decision consideration. Early Decision notifications are issued on a rolling basis through December 15. Enrollment commitments are required by January 15. In addition to committing to enroll, Early Decision students also agree to withdraw all other college applications.

Early Action: Non-Binding

Washington College offers an early action plan for students who wish to be notified of their admission status early in their senior year. Early action candidates who submit an application and all required credentials on or before December 1 will be informed of their status (admitted, denied, deferred) no later than January 15. Admitted Early Action applicants are not required to make an enrollment commitment until May 1.

Early Admission

The College will consider applications from prospective students who have completed all requirements for their secondary school diploma in three years rather than four. High school students who have not received a secondary school diploma or its equivalent are not eligible for admission to the College as matriculated, degree-seeking students.

Under special circumstances, secondary school seniors will be permitted to enroll for undergraduate classes at the College as non-degree, non-matriculated students. This policy applies to all participants in the College’s “More Able” program as well as the occasional local student who

has attained a cumulative grade point average of "B" or better and who demonstrates strong motivation, maturity, and suitability for college-level coursework. Permission to enroll on a non-degree, non-matriculated basis is granted by the Vice President for Enrollment Management.

Non-degree students are not eligible to receive any Federal Title IV financial aid funds until they have attained either a secondary school or GED diploma. Non-degree students will not be permitted to continue their studies at the College beyond the first year without either a secondary school diploma or GED diploma.

Freshman Entrance with Advanced Standing

A student may enter as a freshman with advanced standing (p. 279) toward a Washington College degree. This standing is usually achieved through the Advanced Placement Examinations given each May by the College Board (p. 282). A score of four or five on an A.P. exam may, with the approval of the appropriate academic department, earn course credit toward graduation and make the student eligible to take upper-level courses in the department.

Incoming freshmen who have successfully completed college credit while enrolled in high school may also enter with advanced standing (p. 279). Students must submit their college transcripts in order to have their credit evaluated.

Washington College recognizes the International Baccalaureate (p. 282) curriculum, Higher Level courses, and diploma for the assigning of advanced standing credit and the fulfillment of requirements for distribution, prerequisite courses, and graduation. No special use is made of Standard Level course credits. Students who receive grades of 5, 6, or 7 in the Higher Level examinations may receive a maximum of one full year of credit. Advanced standing for high academic achievement in other international education systems is considered on a case-by-case basis.

Transfer Student Admission

Transfer Admission

Transfer students are admitted to the College for semesters beginning in January and August. Admissions decisions are issued on a 'rolling' basis. It is recommended that applications for fall transfer admission be filed prior to July 15 and that applications for spring transfer admission be filed prior to December 15. Application procedures for transfer candidates are generally the same as outlined above; however, SAT or ACT scores are only required for applicants who have completed less than two semesters of college-level study. Official transcripts from all colleges attended must be submitted. An official secondary school transcript is also required. Advanced placement and course credit will be given to transfer students with acceptable A.P. scores provided that documentation from the College Board is received within one semester of enrollment at Washington College. It is advisable to consult with both the Admissions Office and the Registrar in order to obtain an accurate evaluation concerning transfer of academic credits.

To satisfy requirements for graduation, transfer students must complete a minimum of 56 WC credits or in a Washington College approved off-campus study program, and the final 8 courses must be taken in residence (at WC). Transfer students must also complete the Senior Capstone Experience (p. 456).

School Records

Official transcripts from all institutions previously attended is required of all candidates for admission to Washington College. The following college preparatory units are recommended: four years of English; four years of social studies; four years of mathematics, including Algebra II; three years of a lab science; and two years of a modern foreign language or Latin. Considerable emphasis is placed upon the rigor of the candidate's course load in any given year (especially the senior year).

Readmission

Readmission of Former Students

Unless an official leave of absence has been obtained, students who voluntarily withdraw in good standing and take courses at another college or university during the withdrawal period are required to complete an Application for Readmission. Such students also forfeit any/all previously awarded merit-based scholarships. This may be appealed to the Scholarship Appeals Committee.

To have their matriculated enrollment status reinstated, students suspended for academic reasons must petition the Dean for Student Achievement & Success and submit evidence of further academic progress supported by an official transcript from an approved college.

Students dismissed for a disciplinary reason must petition the Vice President and Dean of Students and supply evidence clearly indicating, through study at an approved college or recommendation from an employer, that reinstatement of matriculated enrollment status is warranted.

See the Leave of Absence & Reinstatement Academic Policy (p. 273)

Business Office

- Billing and Payment Policies (p. 288)
- Tuition, Fees, Room & Board (p. 289)

- Other Students Charges (p. 290)
- Prepaid Debit Card (p. 290)
- Payments (p. 290)

Billing and Payment Policies

Basic educational fees for 2025-2026

Fee	Cost
Tuition	$54,786
Overload Credit Charge (per credit over 20)	$1,546
Audit Fee (per course)	$468
Part Time (per course)	$9,320
Student Service Fee	$820
Student Health Fee	$516
Recreation Fee	$104
Technology Fee	$258
Music Fee (per course)	$371
Lab Fee (per lab course)	$25-$100
Parking	$82
Orientation (Fall)	$506
Orientation (Spring)	$180
Campus Housing	$8,356-$10,646
Single Room Upcharge	$3,220
Off-Campus Study Fees for Partner Institutions	$890

Orientation Fee

All first-year and transfer students must pay an orientation fee of $506 for the fall semester or $180 for the spring semester.

Off-Campus Study Fees for Partner Institutions

Students who wish to participate in semester- or summer-long study abroad through one of Washington College's 30 partner institutions must pay an application fee of $200 at the time of application, which is refundable prior to commitment to a specific partner institution. In the semester they are studying abroad, students continue to pay usual tuition and fees to Washington College, including usual scholarship aid. Students who choose to study abroad at one of the nine Group O partners must pay an additional $890 fee per semester. Students who participate in the three summer exchange programs with Washington College partners must pay a participation fee. Room and board fees vary by type of partner institution. See the International Programs section for additional information about each partner institution and fee structure.

Students studying off-campus at the Washington Center for Internships and Academic Seminars, in Washington, DC, pay the application fee directly to The Washington Center, as well as an additional fee of $450 per semester to Washington College and all usual tuition and fees, including usual scholarship aid. If the student will be living in The Washington Center housing the cost will be included in the students Washington College semester bill.

Late Fee

The amount of the late payment fee is $200 on any balance of $2,000 or more for undergraduate students. A late fee is charged when a student: has not paid their account in full or made payment arrangements by the officially posted due date for the current semester; or has defaulted on a payment plan; or has financial aid cancelled, in any manner.

Until this obligation has been met, students may not return to campus, attend classes, or obtain keys or a college ID card. Students may also be removed from class and housing arrangements. All students are required to complete and submit to the Business Office an Information Release/ Financial Responsibility Form. This form serves as consent for Business Office personnel to discuss questions regarding the student's account with the indicated parties. Only those persons listed may be given information regarding the student's account.

Short-Term Off Campus Study

Students who participate in a short-term (less than a semester) off-campus study program led by Washington College faculty pay the fee for that program and an Off-Campus Study Fee of $412 and tuition of $530 for a 4-credit course or $318 for a 2-credit course. Fees for the program are paid in two installments. A deposit is required at the time the student applies to the program, and the balance of tuition and the program fee is due upon

billing. Students should check with the faculty leading the program about the amount and due date for the deposit. Short-term program fees are non-refundable.

Graduation Fee

There is a $309 mandatory graduation fee for all students expected to receive a Washington College degree. Generally, the fee will be billed and due during the senior or final year. The graduation fee is a one-time non-refundable fee.

Part-time Student Fees

Part-time students are defined as those taking fewer than 12 credit hours in a semester. Tuition is $9,320 per course. For students enrolled only as auditors, the tuition for each audited course is $468.

Special Course Fees

Certain courses, such as applied music, education internship, and some specialized instruction classes in physical education, have additional fees. These courses and their corresponding fees are designated in the course descriptions section of this Catalog.

Senior Capstone Fee

If a student has completed all graduation requirements except the Senior Capstone Experience (SCE) and has not previously attempted the four-credit SCE course, the fee for the SCE course will be the same as the tuition paid by a part-time student taking one four-credit course: $9,320.

If a student has completed all graduation requirements except the SCE and has previously attempted but did not successfully complete (either failed or withdrew from) the SCE course, they will have to register for and successfully complete an SCE in order to graduate. The student should register for this SCE course in the semester in which the student and their SCE advisor have agreed that the SCE will be completed. For students who enroll again in an SCE course, the fee for this SCE registration will be $1,500. Each subsequent re-take of an SCE is a $1,000 increase in the fee.

Faculty may assign a grade of Incomplete to a student taking an SCE, subject to the College's policy on incomplete grading. As with all Incomplete grades, if the student has not completed the SCE coursework by the deadline established by the SCE advisor (no later than the third Friday of classes in the subsequent semester), the student's Incomplete grade will become a failing grade. When a student's Incomplete SCE grade converts to an "F" in this manner, the Registrar's Office will make an exception to the normal Drop/Add deadline for that student to register in a repeat attempt at the SCE course no later than Friday of the fourth week of classes.

Summer Program Fees

See the Summer Academic Program section below for fee information.

Deposits

Once admitted to Washington College, full-time matriculating undergraduate students are required to make a $350 non-refundable enrollment deposit. The College reserves places in the entering class in the order in which these deposits are recorded.

In addition to semester fees, all undergraduate students are required to maintain a security deposit of $300 throughout their College careers.

Tuition, Fees, Room & Board

The College bills for tuition, fees, room, and board twice a year: in early July for the fall semester, and in late November for the spring semester. At the beginning of each semester, pending financial aid is allowed as a credit to the student's account, and is counted as payment until September 30 and January 31 for the Fall and Spring semesters, respectively. Students who have not completed all necessary paperwork to finalize pending aid by that time are required to pay in full. If financial aid is later reinstated, the student will be given a full refund of any credit balance. The due dates for each semester are the first Monday in August for fall semester and the first Monday in January for spring semester.

Students who have not paid in full, or who have not made satisfactory arrangements to pay in full using financial aid or the "ACI Payments, Inc.—payment plan", by the due date for the semester, will not be considered as having met their financial obligation. A late payment fee will apply and the student may be removed from class and housing assignments if payment arrangements are not made by the due date.

Meal Plans Per Year

Fee	Cost
Platinum	$4,438 per semester
Gold	$4,056 per semester
Silver	$3,818 per semester
Bronze	$3,191 per semester
Commuter (WESTERN SHORE ONLY)	$1,500 per semester

[1] available to off-campus students only

Other Students Charges

The Business Office bills each month for fines incurred by the student. These include parking violations, Library fines, Honor Board fines, dorm damages and other assessed charges. Parents/guardians should first discuss questionable charges with the student and/or appropriate department head, before calling the Business Office. Students are notified in writing when any fines are levied. Dorm damages are assessed after move out. All charges are due upon receipt of the monthly Student Statement of Account. Any charge that is outstanding for more than 30 days may result in a diploma not being issued, and pre-registration for subsequent semesters may be delayed.

Students may view their student account through the Washington College Web site using Student Self-Service.

Prepaid Debit Card

Prepaid Debit Card System

The College uses GET (https://get.cbord.com/washcoll (https://get.cbord.com/washcoll/)) where students (and parents) can view and/or manage a student's campus card account. It provides valuable information about account balances and spending history, while enabling deposits to the campus card account using a credit card. GET is always on, and funds can be added anytime day or night. The card can be used at retail venues throughout campus. Balances on the debit cards transfer from semester to semester and year to year. Balances for graduating seniors will revert to their College account the last week of May typically.

Lost or stolen cards are reported by logging on to https://get.cbord.com/washcoll (https://get.cbord.com/washcoll/) to submit a lost/stolen card report immediately removing all access and spending privileges from the card. The student will be instructed on what their next steps should be in order to obtain a new card.

Payments

Washington College Business Office accepts cash, cashier's checks, traveler's checks, wire transfers, and money orders in payment of student accounts. Wire transfer information can be obtained by emailing the Accounts Receivable Team at Accounts_Receivable@washcoll.edu. Personal checks are also accepted, unless there has been a previous incident of payment by check that was returned for non-sufficient funds. Once a non-sufficient funds check has been returned on a student's account, future payments must be made using another acceptable form of payment. Post-dated checks are not acceptable. Credit card payment for student account balances may only be made via the Student Self-Service on the Washington College Website, there is a convenience fee for this service. E-Check payment can be made via Student Self-Service on the Washington College Website, there is no fee for this service.

Personal checks submitted for payments on student accounts should have the student's college ID number written on the face of the check.

To insure against the financial losses associated with medical withdrawals after the beginning of classes all students are automatically enrolled in the DeWar tuition refund insurance for a premium per semester. Families who wish to opt out the insurance coverage may do so in writing by sending an email including the student's name and student ID# to wac_trp@washcoll.edu requesting cancellation of coverage. Details of the tuition refund insurance can be found on the Business Office webpage, washcoll.edu/people_departments/offices/business-office/index.php (http://washcoll.edu/people_departments/offices/business-office/).

ACI Payments Inc., in partnership with Washington College, offers tuition installment payment plans. Tuition, fees, room and board may be paid in 5 or 4 monthly installments per semester under these plans. All payment obligations not included in the Plan must be paid in full by the due date for the semester. If Official Payments terminates the student's plan for nonpayment, the student will be subject to a default penalty charge equal to the late check-in penalty.

Financial Aid

Washington College is committed to providing educational excellence and equity for all students. The policies and principles of financial aid are based on the belief that all qualified students—regardless of their race, sex, or economic status—should have the opportunity to experience a Washington College education.

Washington College offers several types of financial aid to help qualified full-time undergraduate students meet their college expenses. College-sponsored tuition scholarships and tuition grants are available to full-time undergraduate students who demonstrate financial need and who meet the College's admission criteria. In addition to College-sponsored financial aid, eligible students can receive assistance from federal, state, and independent aid programs. College support is intended to complement family financial resources (including any federal, state, or other outside aid for which a student may be eligible); College need-based tuition assistance is offered only after all other sources of aid have been exhausted.

The purpose of need-based aid is to reduce the difference between the student's estimated contribution to college expenses (as determined by the Free Application for Federal Financial Aid (FAFSA) and the actual cost of tuition, room, and board, plus an estimated amount for books and miscellaneous expenses.

For students who show exceptional academic promise, Washington College also offers merit-based academic tuition scholarships. These are offered without regard to financial need; however, in cases involving both superior academic achievement and demonstrated financial need, a merit-based tuition scholarship will be included in the financial aid package.

Grant and scholarship assistance from all sources is applied first to full-time tuition charges. Grant and scholarship assistance in excess of tuition is then applied to direct College charges for fees, and on-campus room and board.

Application Procedures for First-Year and Transfer Students

The Free Application for Federal Student Aid (FAFSA) must be submitted to be considered for need-based financial aid at Washington College:

The FAFSA is used to collect financial information needed to determine a student's eligibility for federal aid (Federal Pell, Federal Supplemental Education Opportunity Grant (SEOG), Federal Work-Study (FWS), Federal Direct Student Loans. The FAFSA is also used by Washington College to determine eligibility for institutional need-based grants.

New students will be notified of financial aid decisions on a rolling basis. Returning, upper-class student award notices are posted online and available through Self Service in June after the completion of spring semester courses.

FAFSA submission for Continuing Students

Financial aid recipients are required to re-apply for need-based aid each year. All continuing students anticipating financial aid in the next academic year must complete the FAFSA form by March 1. Tax transcripts are required only in the event that the student's file is selected for verification by the U.S. Department of Education or by the College. Notification of aid decisions begins in June.

Guaranteed Self-Help Aid

All students who have applied for and qualify for need-based financial aid will be offered some form of self-help aid. Self-help aid is defined as Federal Subsidized and Unsubsidized Direct Loans and Federal Work-Study.

Satisfactory Academic Progress (SAP) Policies

The Office of Student Financial Aid has established policies and procedures stated to fulfill the requirements expressed in the Higher Education Act (HEA). The Satisfactory Academic Progress policies and procedures of Washington College are reviewed when changes at the federal or institutional level require review to ensure compliance with Federal Regulations. All Washington College students applying for Title IV federal and selected other types of assistance must meet the criteria stated hereafter regardless of whether or not they previously received aid.

Satisfactory Academic Progress for financial aid eligibility should not be confused with the College's academic progress policy. These are two distinct and totally separate policies. It is entirely possible to fail to meet minimum standards of one policy and pass the minimum standards of the other.

Details the Satisfactory Academic Progress policy, as well as other forms and resources, can be found on the college's Financial Aid webpage: http://washcoll.edu/admissions/financial-aid/index.php (http://washcoll.edu/admissions/financial-aid/)

Student Loan Programs

The Federal Direct Subsidized and Unsubsidized Student Loan Program enables students to borrow directly from the U.S. Department of Education. This loan is guaranteed by the federal government.

The maximum amount for freshmen is $5,500; for sophomores, $6,500; and for juniors and seniors, $7,500. All borrowers must complete a FAFSA. The interest rate is set in July of each year.

Repayment of Federal Direct Student Loans begins six months after leaving school. Students borrowing funds through the Unsubsidized Direct Student Loan program are responsible for monthly interest that accrues while enrolled. Students may elect to pay on the interest that accrues while they are in school, but it is not a requirement. Principal payment is deferred until six months after graduation. Consolidation programs, which may allow a longer repayment period, are also available.

The Federal Direct Parent Loan for Undergraduate Students (PLUS) allows a parent to borrow funds to assist with payments for the current academic year. This program is not need-based and may be used in lieu of family contributions. All students must complete a FAFSA. The interest rate is set in July of each year. Repayment normally begins within 60 days of disbursement; however, parents may elect to postpone repayment until the student is no longer enrolled at least half-time. Application information is available at www.studentaid.gov (http://www.studentaid.gov) or through the Office of Student Financial Aid.

Federal Work-Study Program

Washington College participates in the Federal Work-Study Program, which provides job opportunities on campus for students who have financial need. There are a wide variety of jobs from which to choose: students assist in the Admissions and Student Affairs offices, in Miller Library, and for various departments and offices all over campus. In return for their efforts, work-study participants earn a biweekly paycheck to help cover their ongoing educational expenses. Application is made through the College's normal financial aid application process, and awards are determined by the College.

Campus Employment

Washington College also offers on-campus employment opportunities that are not need-based.

Federal Title IV Aid Refund Policy

Washington College adopted the refund policy that conforms to Section 668.22 of the Higher Education Amendments of 1998. Students who have withdrawn, officially or unofficially, granted an approved leave of absence, or are expelled who have Title IV funding will be subject to both Federal Policy regarding the possible return of Title IV funds awarded to the student and to Washington College's policy regarding the possible return of institutional aid awarded.

The law requires that the amount of Title IV assistance that the student has earned up to that point be reviewed and, in some cases, adjusted. If the student received more assistance than they earned, the excess funds must be returned.

The amount of assistance that a student has earned is determined on a pro-rata basis. That is, if a student has completed 30 percent of the semester, the student earns 30 percent of the assistance they were originally scheduled to receive. Once the student has completed more than 60 percent of the semester, the student earns all of his/her assistance.

If a student received excess funds that must be returned, Washington College must return a portion of the excess equal to the lesser of the student's institutional charges multiplied by the unearned percentage of financial aid received, or the entire amount of the excess funds. Funds are returned in the following order:

ID	Description	Return Priority
USTF	Unsub FFEL/Direct loan	1
GSL	SUB FFEL/Direct Stafford	2
GPLUS	FFEL/Direct Graduate PLUS	3
PLUS	FFEL/Direct PLUS	4
PELL	Pell Grant	5
FSEOG	FSEOG Category	6
TEACH	EACH Grant	7

Policies and procedures for withdrawing from the College are described below, in the section "Withdrawing from the College." To request an *approved* leave of absence or to withdraw from the College, contact the Dean for Student Achievement & Success in the Provost's Office.

Any Title IV aid recipient who is withdrawing from the College, requesting a leave of absence, or is expelled must contact the Financial Aid Office to discuss how this action would affect his/her financial aid awarded. Any questions related to this refund policy should be directed to the Financial Aid Office in the Casey Academic Center.

Withdrawals and Refunds

Students considering withdrawal should contact the Financial Aid Office before dropping, withdrawing, auditing, or deciding not to attend a course to confirm how it will affect financial aid. Students should also review both the Return of Title IV Financial Aid Funds (R2T4) and the Satisfactory Academic Progress (SAP) policy to make an informed decision.

Dropping, withdrawing from, auditing, or not attending a course can reduce financial aid eligibility depending on the type of aid the student has, how many credits the student is no longer attending, and the timing of the enrollment change. Students will be required to repay any financial aid they are no longer eligible to receive, and this can negatively impact Satisfactory Academic Progress.

See the section 'Withdrawal from the College' below for the withdrawal refund schedule and more important details.

Washington College Academic Tuition Scholarships and Grants

Washington College recognizes and rewards exemplary academic achievement. Many Washington College students qualify for a merit-based tuition scholarship at the time of their admission to the College. In most cases, eligibility for a merit-based scholarship is determined by high school GPA and SAT-I or ACT scores. Unless otherwise specified in the scholarship award letter, the annual renewal of all merit-based awards is contingent upon maintenance of full-time continuous enrollment and a CGPA of 2.5 or above.

Washington College Academic Tuition Scholarships for Entering Freshmen

These four-year tuition scholarships are awarded to admitted applicants on the basis of secondary school achievement and potential for success. All admitted applicants are reviewed by the Scholarship Committee to determine their eligibility for these awards. Admitted applicants who qualify for merit-based academic tuition scholarships are notified of their award and the amount of the award at the time of admission to the College.

Admitted applicants who are members of their high school's National Honor Society, Cum Laude Society or National Society of High School Scholars and have a high School CGPA of at least 3.0 at the time of admission are awarded a four-year Washington College Academic Tuition Scholarship of at least $28,000 annually ($14,000 per semester) for four years. Some NHS /CLS members with exemplary high school academic records may qualify for awards that increase their Washington College Academic Tuition Scholarship.

Washington College Academic Tuition Scholarships for Transfer Students

These tuition scholarships are awarded to full-time, high-achieving transfer students including, but not limited to, students who have been inducted into the Phi Theta Kappa Society. Typically, awards range in amount from $28,000 to $35,000 per year. A minimum CGPA of 2.5 and full-time continuous enrollment are required for renewal.

Admitted transfer applicants who qualify for academic tuition scholarships are notified of their award and the amount at the time of admission.

The Cincinnatus Scholarship

This $2,500 scholarship—with an extra $5,000 stipend for experiential learning opportunities—through The Institute of Religion, Politics and Culture at Washington College, is renewable and awarded annually to one admitted student per year with a strong interest in the study of religion's influence on American and world history, as well as its contemporary importance for cultural and political life.

Constance Stuart Larrabee Arts Scholarships

These $6,000 scholarships ($1,500 annually for four years) are awarded to entering students who have a proven talent in art, music, or theatre, but who do not necessarily intend to major in the arts.

Eastern Shore Society Scholarship

These $6,000 scholarships ($1,500 scholarship annually for four years)—with a one-time grant of $2,000 to offset the cost of the Chesapeake Semester—will be awarded to an entering student from Maryland's Eastern Shore or of Eastern Shore heritage who is interested in a major in environmental science or studies.

The Environment & Society Fellowship

These $6,000 scholarships ($1,500 annually for four years) are awarded to entering students who are interested in exploring environmental science or studies as a major, minor, or area of focus.

The Eirik A. T. Blom Ornithology Scholarship

These $6,000 scholarships ($1,500 annually for four years) are awarded to entering students who have experiences as a birder, wildlife enthusiast, or conservationist.

Sophie Kerr Gifts in English Literature

These $6,000 scholarships ($1,500 annually for four years) are awarded to entering students who intend to major in English and/or minor in Creative Writing and who show outstanding promise in the field of English or American literature. Members of the English Department select scholarship finalists.

Quill & Compass Scholarships

These $6,000 scholarships ($1,500 annually for four years) are awarded to entering students who intend to major in History or American Studies. Members of the Starr Center for the Study of the American Experience select scholarship finalists.

Readmission and Merit Scholarship Renewal Information for Students Who Withdraw from Washington College

Students who receive a merit-based academic tuition scholarship are required to maintain a 2.5 Cumulative Grade Point Average (CGPA) and full-time, continuous enrollment at Washington College. International students who receive a merit scholarship are required to maintain a 2.0 CGPA.

Students who receive an endowed scholarship, unless otherwise stated in the Memorandum of Understanding (MOU), are required to maintain a 2.5 CGPA and full-time continuous enrollment at Washington College. Endowed scholarships may or may not be renewable.

Students who leave WC and do not attend another college and are meeting the minimum 2.5 WC CGPA when they leave will automatically be eligible for their merit aid upon return to WC. Financial aid will automatically review their file upon notification of their return to WC. Students who have received need-based aid in prior years will be reviewed upon receipt of the FAFSA for the academic year in which they return. Eligibility for need-based aid will be determined when the FAFSA is received.

Students who leave WC and attend another school will not be eligible for their merit and/or need based aid. Students may appeal and should contact the Financial Aid office to begin that process.

Students who are not meeting the minimum criteria will not be eligible for the respective aid upon their return. Students will have the ability to appeal if there is an extenuating circumstance.

Appeals

Appeals are available to any student who was previously in receipt of a merit-based tuition scholarship, honors fellowship, or need-based grant. Appeals are reviewed by the Scholarship Appeals Committee. Appeal approvals are not guaranteed and will be decided on a case-by-case basis.

An exception to full-time enrollment will be allowed in either of the following two scenarios:

- Students are in their final semester and need less than full-time enrollment to complete their program. Students must have verified this with advisor and registration office.
- Students are in their final semester but wish to divide up their remaining credits and take them over two semesters. Students can receive a prorated amount of aid for each semester so that the total amount does not exceed the value of the original award. Some donor scholarships are excluded from this exception.

Students must contact the Office of Student Financial Aid to determine eligibility of either of the above two exceptions.

Scholarship eligibility is for a maximum of eight semesters. Renewal eligibility will be reviewed at the end of every spring term. Students will be notified in June of their merit award status.

Federal and State Grants and Scholarships

The Federal Pell Grant program makes funds available to undergraduate students to attend post-secondary institutions. Eligibility is based on financial need, and application is the FAFSA.

The Federal Supplemental Educational Opportunity Grant (SEOG) program provides funds for grants to undergraduate students with great financial need. Application is the FAFSA as well as the normal financial aid application process of Washington College, and the awards are determined by the institution.

State Grants and Scholarships are available to some students through their individual state scholarship administrative offices. To compete for these state awards, students should contact their state scholarship administration to inquire about application procedures, eligibility criteria, and application deadlines.

Course Descriptions by Subject & Number

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American Studies (AMS)

AMS SCE Senior Capstone Experience 2-4 Credits
Offered every Spring semester. Graduating American Studies majors will complete an independent research project under the guidance of a American Studies faculty member of their choosing.
Term(s) Offered: All Terms, All Years

AMS 194 Special topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

AMS 209 Introduction to American Culture I 4 Credits
Taught in the fall semester, the course is concerned with the establishment of American Literature as a school subject. Texts that have achieved the status of classics of American Literature, such as Hawthorne's The Scarlet Letter, Thoreau's Walden, and Mark Twain's The Adventures of Huckleberry Finn, are read in the context of the history and politics of their achieving this status. Texts traditionally excluded from the canon of American literature, in particular early Hispano- and FrancoAmerican texts, are considered in the context of their relative marginality to the project of establishing American Literature in the American academy. Other-than-written materials, such as modern cinematic representations of the period of exploration and colonization of North America, as well as British colonial portraits and history paintings, are studied for how they reflect on claims for the cultural independence of early North America. Other-than-North-American materials, such as late medieval and early Renaissance Flemish and French still lifes, as well as the works of nineteenth-century European romantic poets and prose writers, are sampled for how they reflect on claims for the exceptional character of North American culture.
Cross-listed as: AMS 209/ENG 209
Term(s) Offered: Fall, All Years

AMS 210 Introduction to American Culture II 4 Credits
Taught in the spring semester, the course is concerned with the establishment of American Studies as a curriculum in post-World War II American colleges and universities. Readings include a variety of written texts, including those not traditionally considered literary, as well as a variety of other-than-written materials, including popular cultural ones, in accordance with the original commitment of American Studies to curricular innovation. Introductions to the modern phenomena of race, gender, sexual orientation, generation, and class in the U.S. culture are included. A comparatist perspective on the influence of American culture internationally and a review of the international American Studies movement in foreign universities is also introduced.
Cross-listed as: ENG 210/AMS 210
Term(s) Offered: Spring, All Years

AMS 213 African Am Literature & Culture I 4 Credits
This course is a survey of African American literature produced from the late 1700s to the present. It is designed to introduce students to the key writers, texts, themes, conventions, and tropes that have shaped the African American literary tradition. Authors studied may include Frederick Douglass, Zora Neale Hurston, Ralph Ellison, Gwendolyn Brooks, Toni Morrison and Walter Mosley. Counts for American Studies major, Black Studies minor, Communication and Media Studies major, and Humanities distribution.
Cross-listed as: ENG 213/AMS 213
Term(s) Offered: Spring, All Years

AMS 214 African Am Lit & Cuture II 4 Credits
This course surveys African American authors from the Harlem Renaissance to the present. It is designed to expose students to the writers, texts, themes, and literary conventions that have shaped the African American literary canon since the Harlem Renaissance. Authors studied in this course include Zora Neale Hurston, Richard Wright, Ralph Ellison, Gwendolyn Brooks, James Baldwin, and Toni Morrison. Counts for American Studies major, Black Studies minor, Communication and Media Studies major, and Humanities distribution.
Cross-listed as: ENG 214/AMS 214
Term(s) Offered: Spring, All Years

AMS 222 Body, Nature and Nation in American Art 4 Credits
Although this art history course sketches in the art of the early colonies, its main body begins at the period of the American Revolution. Lectures and discussion explore the changing significance of the visual arts in American life and culture through the 1930s. Field trips to museums in Washington. This course is cross listed under American Studies.
Requisites: Pre or co-req: Take ART 200 or ART 110
Term(s) Offered: Fall, Odd Years

AMS 275 Prisons, Punishment, and Social Control 4 Credits
In this course, we will examine both overt and covert forms of surveillance, control, and confinement in historical and contemporary contexts. We will consider less repressive forms of control, which are often invisible to us even as they powerfully shape and define our lives, as well as more repressive forms of state power. An anthropological lens helps us consider the many ways that prisons and punishment are deeply entrenched in U.S. culture, social life, and political-economy. We draw upon a variety of theoretical frameworks, including Foucault, Marxism, critical race theory, disability studies, and others, each of which offers a unique way to make sense of our course topics. Rather than approach the prison as a set of buildings and experiences over there (apart from un-incarcerated life), we ask how the same social processes that make prisons possible are woven into many aspects of our social, cultural, political, and economic experiences. We will pay particular attention to the intersections of race, class, and gender with prisons /social control throughout U.S. history. Finally, we explore the creative ways that people critique, resist, imagine, and organize for more liberatory futures.
Cross-listed as: ANT275/AMS275
Term(s) Offered: Other, Non Conforming

AMS 294 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

AMS 313 17th and 18th Century America 4 Credits
The social, economic, and political structure of Colonial America; the background and development of the American Revolution; and the interaction of social and political life during the Confederation, Constitutional, and Federalist periods.
Requisites: Pre or co-req: HIS 111 or two 200 level History courses
Term(s) Offered: Other, Non Conforming

AMS 322 The Arts in America 4 Credits
Although the course sketches in the art of the early colonies, its main body begins at the period of the American Revolution. Lectures and discussion explore the changing significance of the visual arts in American life and culture through the 1930s. Field trips to museums in Washington.
Requisites: Pre or co-req: ART 110
Term(s) Offered: Fall, Odd Years

AMS 345 The African American Novel 4 Credits
This course examines the origin and development of the African American novel. We will begin with the earliest novels and conclude with an analysis of contemporary novels by African American writers. We will examine novels from multiple genres and give careful attention to the intersection of race, gender, class and environment in representative novels of the 19th, 20th, and 21st centuries.
Cross-listed as: AMS 345/ENG 345
Term(s) Offered: All Terms, Non Conforming

AMS 347 American Environmental Writing 4 Credits
The study of writing from an environmental perspective is both an emerging field in literary criticism and a rich tradition in American literary history. What does it mean to be green from a literary point of view? This course explores that question in looking at classic and contemporary authors of American environmental writing, from Henry David Thoreau to Annie Dillard to recent examples of eco-criticism. Though the primary focus is on nonfiction prose, the traditional home of nature writing, the course also explores environmental perspectives in poetry, fiction, and film as well as cross-disciplinary connections with the natural sciences and social sciences.
Cross-listed as: ENG 347/AMS 347/ENV 347
Term(s) Offered: Fall, All Years

AMS 360 Lit. of Europn Colonies & US 4 Credits
Alvar Nunez Cabeza De Vaca, Pere Jogues, Rowlandson, Marrant, Wheatley, Bradstreet, Franklin, Jefferson, Brockden Brown, Poe.
Cross-listed as: ENG 360/AMS 360
Term(s) Offered: All Terms, Non Conforming

AMS 362 Literary Romanticism in the U.S. II 4 Credits
Hawthorne, Melville, Whitman, Dickinson.
Term(s) Offered: Fall, All Years

AMS 363 Gilded Age & American Realism 4 Credits
This course examines key prose fiction of the Gilded Age of American literary history, and culture (roughly 1878 - 1901). Careful attention will be given to various treatments of Big Business,' industrialization, urbanization, regionalism and social inequality in the work of Mark Twain, Stephen Crane, Kate Chopin, Frances E.W. Harper, Charles Chestnutt, and others.
Term(s) Offered: Spring, Odd Years

AMS 370 The Harlem Renaissance 4 Credits
This interdisciplinary course examines the literature and intellectual thought of the Harlem Renaissance, a period in African American history that covers, roughly, the 1920s and 1930s. This course will offer more than a cursory introduction to a cultural movement. Instead, students will study key figures and texts at length, including the works of Wallace Thurman, Langston Hughes, Alain Locke and Zora Neale Hurston. By the end of the course, students should be able to explain the different conceptualizations of the black aesthetic that were prevalent during this movement, and articulate how the confluence of race, class and gender have impacted literary productions of the period.
Cross-listed as: ENG 370/AMS 370/CMS 370
Term(s) Offered: Other, Non Conforming

AMS 371 Faulker & Modernism in U.S. 4 Credits
The course will concentrate on the novels of Faulkner as exemplifying modernism.
Term(s) Offered: Other, Non Conforming

AMS 374 North American Indians 4 Credits
Although pre-Columbian North America did not see the rising and falling of states that unified people through a single language or economy, it is extraordinarily rich in histories. The archaeology of North America aims to understand the diversity of histories lived by peoples from the Atlantic to Alaska, from the Plains to the Bayou, from nomadic hunting and gathering groups to large-scale horticulturalists. We will explore the human experience on the continent north of Mexico from the first footsteps on the continent to the impact of European contact to the relationship between archaeologists and American Indians today. By the end of this course, you will have an understanding of the history of archaeology in North America and the diverse prehistoric Native American cultures. You will have a good handle on the issues faced by and methods utilized in reconstructing past settlement patterns, subsistence strategies, religious practices and social and political organization.
Term(s) Offered: Fall, Odd Years

AMS 377 2PACalypse Now! 4 Credits
There's something about Heart Of Darkness -- neither the most readable nor the most teachable of books, even of Conrad's books. And there's something about Conrad, too, a native Pole for whom English was a third language, a third language that he evidently spoke so poorly that when conversing with his American literary friend Henry James they both reverted to what was for both of them a second language: French. The course tries to explore what it is that has attracted so many white male Anglophone intellectuals -- and prompted the condemnation of one African writer, the mockery of one black rapper, and perhaps, the rivalry of a prominent, brown, novelist -- over the more than hundred years now since the original publication of Heart of Darkness in 1899 in England in Blackwood's Magazine. Class texts include Conrad's novella, Coppola's Apocalypse Now, Tupac's TUPAcalypse Now, Faulkner's Absalom, Absalom! (which contains a prominent allusion to Heart of Darkness), Chinua Achebe's essays, V.S. Naipul's A Bend in the River, a sampling of the blizzard of journalistic quotations of the novel's title and of its most famous, four-word, speech, plus some theorizings of race and gender that might shed light on why the book has managed to appeal so strongly to a relatively homogenous cohort of readers and adaptors.
Cross-listed as: ENG 377/AMS 377
Term(s) Offered: Fall, Non Conforming

AMS 394 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

AMS 397 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

AMS 400 The American Studies Seminar 4 Credits
This course, required for the major, is offered every Fall semester. The course will include a review of American Studies' institutional background, in particular the nativist origins of American Studies at Yale and the more genteel nationalist consolidations established by the post-war Harvard American Civilization Program. Specific topics and readings will vary yearly but will always be chosen from among 1.) those that helped establish the cross-disciplinary foundations of American Studies; 2.) several texts, both literary and social-scientific, that have become iconic in the discipline; and 3.) texts critical of the chauvinist tendencies inherent in the origins of the discipline. Students in the seminar will be encouraged to develop independent research projects that can mature into Senior Capstone Experiences. American Studies majors will take the American Studies Seminar in the first semester of their senior years to give them a running start into the Senior Capstone Experience (AMS SCE) that they will complete in the spring semester. Because the curriculum for the course will change yearly, American Studies majors may take AMS twice, and because the focus of the course will be on how to develop and execute research papers, it should be of interest to students facing a senior thesis SCE in other humanities and social science majors as well. The course will either be taught by the Director of American Studies or be team-taught by the Chair of American Studies and another American Studies faculty member.
Term(s) Offered: Other, All Years

AMS 414 Comparative Cultural Encounters 4 Credits
This seminar examines interactions among native, European, and African peoples during the initial centuries of North American colonization. Situating the American colonies within a broader Atlantic World and offering a comparative approach, the course investigates processes of cultural conflict, exchange, adaption, and transformation. One year in introductory sequence in history required.
Requisites: Pre or co-req: HIS 111 or two 200 level History courses
Term(s) Offered: Other, Non Conforming

AMS 470 Toni Morrison 4 Credits
In this seminar, students will study the works of Toni Morrison, the first African American and the second American woman to receive the Nobel Prize in Literature. Students will examine important motifs, tropes and themes of Morrison's novels (The Bluest Eye, Beloved and Jazz, to name a few), along with some of her notable critical essays. By the conclusion of this course, students should be well versed in Morrison's writings and have a basic understanding of contemporary critical practices used to interpret her work.
Cross-listed as: ENG 470/AMS 470
Term(s) Offered: Fall, Non Conforming

AMS 490 American Studies Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

AMS 494 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

Anthropology (ANT)

ANT SCE Senior Capstone Experience 2-4 Credits
The anthropology Senior Capstone Experience is a significant piece of independent research experience in the form of a thesis or project undertaken by each senior with the guidance and mentorship of a department faculty member. Thesis proposals are typically developed during the spring of the third year in the Anthropology Seminar All senior capstone experiences must include anthropological methods and theory. A student who successfully completes the SCE will receive a grade of Pass or Honors and will be awarded 4 credits. A more extensive description of the SCE is available from the department chair. Discussion of a joint thesis, undertaken by a student with two majors, can be found in the Academic Program section of the catalog.
Term(s) Offered: All Terms, All Years

ANT 104 Intro to World Music & Ethnomusicology 4 Credits
An introduction to music of the world, including popular, folk, religious and classical traditions. Explores the way ethnomusicologists organize and analyze knowledge about the world, while investigating the ways music acquires meaning in performances that are socially, historically, and culturally situated.
Cross-listed as: MUS 104/ANT 104
Term(s) Offered: All Terms, All Years

ANT 105 Introduction to Anthropology 4 Credits
The study of human diversity with emphasis on cultural anthropology. Topics include the anthropological perspective, resources of culture, organization of material life, systems of relationships and global forms of inequality. The course examines how anthropologists apply their skills to solve contemporary human social problems. Basic ethnographic interviewing skills. Introduction to ethnography.
Term(s) Offered: All Terms, All Years

ANT 107 Intro to Environmental Archaeology 4 Credits
Exploration of the variety of past human societies and cultures through archaeology, with an emphasis upon the interplay between environment and culture. The course covers a wide time span, from the biological evolution of hominids and the origins of culture to the development of complex civilizations and the more recent historical past.
Cross-listed as: ANT 107/ENV 107
Term(s) Offered: All Terms, All Years

ANT 109 Intro to Geographic Information Systems 4 Credits
Geographic Information Systems (GIS) can be found throughout our modern society. Programs such as MapQuest and Google Earth have brought this technology into the lives of many citizens of our world. More advanced software systems such as ArcGIS are being used in academia, business, and government to manage large datasets of spatially linked information and provide the users with powerful analytic tools. The course lectures review the fundamental theories of GIS and also focus on the various organizational and ethical issues that impact the implementation and sustainability of GIS in our society. The lab portion of the course teaches the student how to operate the ArcGIS Desktop software product, ArcGIS Pro. Introduction to GIS is taught as a blended course, which means that online content is used to supplement the course. The online content does not replace the traditional lecture and lab components of the course, but is instead meant to enhance the content, and allow for materials to be available outside of class time. Content is reviewed prior to attending class, which provides time for discussion, clarification, and problem-solving during class time. All course materials along with lab assignments, quizzes, and exams are managed in our innovative Canvas virtual learning environment.
Cross-listed as: ANT 109/ENV 109
Term(s) Offered: Fall, All Years

ANT 137 Culture & Environments of the Chesapeake 4 Credits
An examination of prehistoric and historic societies in the Chesapeake Region. Archaeological, historical, and environmental evidence is used to understand cultural development and the relationships between people and their environment. Topics include the arrival of humans in the region, Native American groups, colonial settlement in the Tidewater, and the 19th Century. This course counts toward the Chesapeake Regional Studies minor.
Cross-listed as: ANT 137/ENV 137
Term(s) Offered: Spring, All Years

ANT 190 Anthropology Internship 4 Credits
The department encourages students with prior courses in anthropology to develop, with a member of the department, internship opportunities. Students interested in pursuing internships should read Internships and Other Opportunities in this Catalog. In addition to the requirements listed there, interns should expect to write a paper describing their experiences, as relevant to anthropology, and connected to a reading list to be developed and agreed upon by the intern and the supervising faculty member. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ANT 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

ANT 195 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ANT 196 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ANT 197 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ANT 208 Archaeological Method 4 Credits
An examination of the methods of archaeology and theoretical perspectives. Course topics include research design, site surveys, remote sending technology, excavation techniques, dating methods, the analysis of material culture, and theory building. Students will be involved in exploration and research using the wide variety of resources available in the region, including local excavations, local and regional archives, and museum collections.
Requisites: Pre or co-req: ANT 107
Term(s) Offered: Fall, All Years

ANT 210 Intermediate Geographic Info Systems 4 Credits
This second course in geographic information systems builds upon the theories discussed in introduction to Geographic Information Systems, and focuses on the more technical aspects of GIS. Laboratory activities teach the student to use more advanced functions of GIS software, and the fundamentals of advanced GIS analysis and display programs. The student will also learn to operate a precision GPS field data collector.
Requisites: Pre-req: ANT 109 or ENV 109
Term(s) Offered: Spring, All Years

ANT 215 Sex, Gender, and Culture 4 Credits
The study of the biological differences of sex in relationship to the cultural construction of gender. The importance of modes of production and ideology in forming gender concepts for all human societies. Cross-cultural issues of gender identity, roles, relationships, and equality or inequality.
Term(s) Offered: Other, Non Conforming

ANT 234 Human Evol & Biological Anthropology 4 Credits
This course utilizes a holistic approach to explore the evolution of the human species. Students learn the basics of evolutionary theory, biology, and fossil and archaeological evidence through lectures, discussion, readings, videos and hands-on learning. This course is divided into three main sections titled: (a) how evolution works, (b) the history of human lineage, and (c) evolution, technology, and modern humans.
Term(s) Offered: Other, Non Conforming

ANT 235 Cultures of Latin America 4 Credits
Prehistory of the Americas and survey of indigenous cultures in Latin America today (Mesoamerica, the Andean countries and the Amazonian countries). Introduction to environmental anthropology and applications to environmental issues.
Requisites: Pre or co-req: ANT 105
Term(s) Offered: Other, Non Conforming

ANT 247 Medical Anthropology 4 Credits
This course introduces students to the growing field of medical anthropology. We explore the diverse ways that people understand health, illness, the body, and healing, and how those are mediated through cultural beliefs and practices around the world. We also consider a variety of interrelated global processes that shape people's experiences of health and well-being in locally-specific ways. Students learn anthropological methods and theories which complement more mainstream approaches to public health.
Term(s) Offered: Other, Non Conforming

ANT 275 Prisons, Punishment, and Social Control 4 Credits
In this course, we examine both overt and covert forms of surveillance, control, and confinement in historical and contemporary contexts. We consider less repressive forms of control, which are often invisible to us even as they powerfully shape and define our lives, as well as more repressive forms of state power. An anthropological lens helps us consider the many ways that prisons and punishment are deeply entrenched in U.S. culture, social life, and political-economy. We draw upon a variety of theoretical frameworks, including Foucault, Marxism, critical race theory, disability studies, and others, each of which offers a unique way to make sense of our course topics. Rather than approach the prison as a set of buildings and experiences over there (apart from un-incarcerated life), we ask how the same social processes that make prisons possible are woven into many aspects of our social, cultural, political, and economic experiences. We pay particular attention to the intersections of race, class, and gender with prisons/social control throughout U.S. history. Finally, we explore the creative ways that people critique, resist, imagine, and organize for more liberatory futures.
Cross-listed as: ANT275/AMS275
Term(s) Offered: Other, Non Conforming

ANT 280 Traditional Ecological Knowledge 4 Credits
This course introduces students to the anthropological study of indigenous peoples and how they respond to the forces of globalization. Traditional Ecological Knowledge (TEK) refers to knowledge base acquired by indigenous and local peoples over many hundreds of years through direct contact with the environment. It includes nomenclature, classification, beliefs, rituals, technology, environmental management strategies and worldviews - all of which have helped shape environments for millenia. This course explores these different forms of knowledge and poses a series of questions about their importance and use, such as: How is globalization affecting TEK? Who possesses TEK? Who owns TEK? Should the owners of TEK be compensated for their knowledge? Does TEK promote sustainability? Can nation-states utilize TEK? What are the impacts on indigenous groups when TEK in promoted? How can traditional knowledge of the natural world be responsibly and ethically collected, studied and applied in modern medicine and global commerce?
Term(s) Offered: Other, Non Conforming

ANT 290 Anthropology Internship 4 Credits
The department encourages students with prior courses in anthropology to develop, with a member of the department, internship opportunities. Students interested in pursuing internships should read Internships and Other Opportunities in this Catalog. In addition to the requirements listed there, interns should expect to write a paper describing their experiences, as relevant to anthropology, and connected to a reading list to be developed and agreed upon by the intern and the supervising faculty member. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ANT 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

ANT 295 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ANT 296 Archaeological Field School 4 Credits
An introduction to archaeological fieldwork methods and to the theoretical concerns of anthropological archaeology. Includes participation in archaeological survey and excavation as well as lectures, readings, and writing assignments. It typically is a six-week summer program, with a minimum obligation of 20 hours per week. This course is open to all students.
Term(s) Offered: Summer, All Years

ANT 297 Independent Study 4 Credits
Students with an interest and background in anthropology may, working with an ANT faculty member, develop either a research project or a course of study pursuing an ANT subject or topic not covered by regular ANT courses. The student and faculty member agree on a reading list, and either a formal research project or a substantial paper. Students meet regularly with the instructor demonstrating progress in, and knowledge of, the readings; and to discuss, and receive guidance on the project or paper. 45 hours are required per credit. (Students may not use independent study courses to gain academic credit for the SCE).
Term(s) Offered: All Terms, All Years

ANT 300 Language and Culture 4 Credits
This course introduces the student to the study of linguistics. Concepts of both historical and descriptive linguistics are included. Some of the areas of study are linguistic history and methodology, language origin, language and society, language structure, dialects, and language families.
Term(s) Offered: All Terms, Non Conforming

ANT 305 Culture, Power & the Human Experience 4 Credits
In this course, we explore how anthropologists ask and answer questions about culture, power, and the human experience. We learn about a range of methodological and theoretical approaches to anthropological inquiry, with particular attention to the exciting possibilities that arise when thinking across the sub-fields of cultural anthropology and archaeology. Through a series of projects, students learn research design and have the opportunity to apply archaeological, ethnographic, and GIS methods to problems around us.
Requisites: Pre or co-req: ANT 105 and ANT 107
Cross-listed as: -
Term(s) Offered: Spring, All Years

ANT 306 Marine Archaeology 4 Credits
Introduction to underwater archaeology. Gives students an overview of the history and methods of the field. In addition to class activities, students are involved in practical exercises such as mapping and data analysis; field trips, including remote sensing work on the college's workboat and visits to historic vessels; and outside lectures on marine history and archaeology. A basic understanding of archaeological method and theory is useful for the course.
Requisites: Pre or co-req: ANT 107
Term(s) Offered: Other, Non Conforming

ANT 313 Music of Latin America 4 Credits
Students will be introduced to ethnomusicological theory and method, while focusing on the musical practices of South and Central America and the Caribbean. Folk, ritual, popular, and art/classical traditions will be examined in the contexts of cultural issues such as belief systems, politics, aesthetics, and identity.
Cross-listed as: MUS 313/ANT 313
Term(s) Offered: Other, Non Conforming

ANT 320 Race and Ethnicity 4 Credits
The dangers of using the concept race. Focus on the cultural construction of ethnic, racial, and national identities in the contexts of immigration, colonialism, nationalism, and globalization. Symbols of ethnic identity, stereotyping, style, tactics of choice, situational ethnicity.
Requisites: Pre or co-req: ANT 105
Term(s) Offered: Other, Non Conforming

ANT 329 Cuba Music and Culture 4 Credits
This course introduces students to anthropological, ethnomusicological, and ethnochoreological ethnographic fieldwork methods, including participant observation, ethnographic interviews, and audio/video documentation techniques. Students are exposed to both Afro-Cuban religious and Cuban popular expressive forms. Students learn about the interrelatedness of music, dance, visual arts, ritual, and religious beliefs, as well as Cuban views on Cuban culture, gender, and race. Students attend/observe both formal and informal music performances and take music and dance lessons where they will have an opportunity to engage musicians on a one-on-one basis. In addition to music-oriented activities, students learn about Cuba's cultural and economic history by exploring Havana's rich museums, monuments, and plazas. By permission of the instructor.
Cross-listed as: ANT 329/MUS 329/DAN 329
Term(s) Offered: Winter, All Years
Fees: $3,600 Cuba Experience

ANT 340 Inside-Out 4 Credits
Inside-Out is a course that brings together an equal number of Washington College [outside] students and incarcerated [inside] students to learn side-by-side at a prison. The class involves weekly class meetings at a prison, and transportation to the prison is provided for Washington College students. Inside-Out is designed to meld theoretical knowledge, practical understanding, and personal experience and the wisdom that derives from that experience. We use a variety of active learning and community-building techniques that require student participation to be most effective. Inside and outside students collaborate on final group projects. The topic of the class may vary, and the class may be repeated with a different topic.
Term(s) Offered: Fall, All Years

ANT 354 Visual Anthropology 4 Credits
Focusing attention on photography, film, and since the 1990s, new media, visual anthropology attempts to untangle issues of subjectivity, marginalization, and meaning making. The course takes an anthropological look at the use of visual media in marketing, documentary filmmaking, gaming, music videos, and artistic installations. Wherever humans use visual images to communicate, an anthropological lens can be applied to develop and critique cultural messages. Students develop research projects that incorporate visual documentation from the earliest planning stages through the final stages of public communication and reflect on how this type of recording affects what is documented, how subjects are represented, the accuracy or reality of ensuing interpretations, and the intent of the visual production.
Cross-listed as: CMS 354/ANT 354
Term(s) Offered: Fall, Even Years

ANT 360 Museum Studies 4 Credits
The course examines the history of museums - art, anthropology, history, natural science, and children's - and the structuring of knowledge. Explore the politics of display in terms of what is displayed and who writes the narrative, to understand how and why this knowledge may be contested, the influence and outcome of the visitor's experience, and the importance of community collaboration. Learn about the practical considerations of collections acquisition and management, fundraising, and governance.
Term(s) Offered: Fall, Even Years

ANT 374 North American Indians 4 Credits
Pre-Contact North America is extraordinarily rich in histories. The archaeology of North America aims to understand the diversity of histories lived by peoples from the Atlantic to Alaska, from the Plains to the Bayou, from nomadic hunting and gathering groups to large-scale horticulturalists. We explore the human experience on the continent north of Mexico from the first footsteps on the continent to the impact of European contact to the relationship between archaeologists and American Indians today. By the end of this course, you will understand the history of archaeology in North America and the diversity of contemporary Native American cultures.
Term(s) Offered: Fall, Odd Years

ANT 390 Anthropology Internship 4 Credits
The department encourages students with prior courses in anthropology to develop, with a member of the department, internship opportunities. Students interested in pursuing internships should read Internships and Other Opportunities in this Catalog. In addition to the requirements listed there, interns should expect to write a paper describing their experiences, as relevant to anthropology, and connected to a reading list to be developed and agreed upon by the intern and the supervising faculty member. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ANT 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

ANT 395 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ANT 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ANT 397 Independent Study 4 Credits
Students with an interest and background in anthropology may, working with an ANT faculty member, develop either a research project or a course of study pursuing an ANT subject or topic not covered by regular ANT courses. The student and faculty member agree on a reading list, and either a formal research project or a substantial paper. Students meet regularly with the instructor demonstrating progress in, and knowledge of, the readings; and to discuss, and receive guidance on the project or paper. 45 hours are required per credit. (Students may not use independent study courses to gain academic credit for the SCE).
Term(s) Offered: All Terms, All Years

ANT 405 Seminar in Anthropology 4 Credits
Discussion of significant contemporary issues in anthropology. Application of anthropology to ethical issues and careers. Familiarity with professional literature and and professional style guides. Research design and location and assessment of source materials. Grant writing and research. Exploration of careers and higher studies in anthropology. Required course for all anthropology majors and minors. Should be taken in the spring semester of junior year.
Term(s) Offered: Spring, All Years

ANT 415 Cultural Ecology 4 Credits
This course focuses on the human-environment relationship and the state of world ecosystems resulting from this interaction across space and time. The course is focused on four paradigms central to the anthropological understanding of the human-environment relation. The first focuses on fundamental human-ecological principles; the second on the ecological dynamics of foraging and domestication; the third on indigenous ecological knowledge and community-based conservation, and the fourth on new approaches in human ecology.
Requisites: Pre or co-req: ANT 105
Term(s) Offered: Other, Non Conforming

ANT 420 Media and Power 4 Credits
By investigating the idea that what we view and express regarding cultural identity and cultural difference is artificial, we can see that popular entertainment, global news broadcasts, monuments and museums, and the internet might be doing more than merely capturing, reporting, or exhibiting. Understanding this, we can uncover something more about how representations are created, how they have been manipulated historically to oppress or devalue certain groups, and how they can be contested. Knowing that images are constructed and not real, we can turn our focus to how people can reclaim their identities and thus their own power through revising or even appropriating the representations that have been made of them.
Requisites: Pre or co-req: ANT 105
Term(s) Offered: Spring, Non Conforming

ANT 474 Hist Preservation & Cultural Resc Mgt 4 Credits
Provides a comprehensive overview of historic preservation and cultural resource management as practiced in the United States. Examines the history of the preservation movement, the role of preservation in American culture, and the legislative framework for historic preservation. Reviews the growing field of cultural resource management, looking at issues in architectural design, contract or salvage archaeology, and heritage tourism. Prerequisite: 200-level coursework in archaeology or American history, or permission of instructor.
Requisites: Pre or co-req: One 200 level ANT or HIS course
Term(s) Offered: Other, Non Conforming

ANT 490 Anthropology Internship 4 Credits
The department encourages students with prior courses in anthropology to develop, with a member of the department, internship opportunities. Students interested in pursuing internships should read Internships and Other Opportunities in this Catalog. In addition to the requirements listed there, interns should expect to write a paper describing their experiences, as relevant to anthropology, and connected to a reading list to be developed and agreed upon by the intern and the supervising faculty member. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ANT 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

ANT 495 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ANT 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ANT 497 Independent Study 4 Credits
Students with an interest and background in anthropology may, working with an ANT faculty member, develop either a research project or a course of study pursuing an ANT subject or topic not covered by regular ANT courses. The student and faculty member agree on a reading list, and either a formal research project or a substantial paper. Students meet regularly with the instructor demonstrating progress in, and knowledge of, the readings; and to discuss, and receive guidance on the project or paper. 45 hours are required per credit. (Students may not use independent study courses to gain academic credit for the SCE).
Term(s) Offered: All Terms, All Years

Art/Art History (ART)

ART SCE Senior Capstone Experience 2-4 Credits
ART HISTORY MAJORS: Meant to be the summation of all one has done in the Department. The SCE may consist of a comprehensive examination OR a thesis paper that presents an original contribution to the study of a particular work of art, group of works, artist, or artistic tradition. FOR STUDIO ART MAJORS: Required of all graduating seniors within the studio concentration, this course is defined by each student's engagement with a project of active learning and integration of materials and concepts within the major. A continuation of the work initiated in the Studio Art Senior Seminar, students are guided by a faculty advisor and other studio art faculty. The Capstone is an intensive period of advanced independent studio practice with feedback from peers. Students employ their course of study from within the department to think critically, conduct research, and independently produce a substantial body of work. The culmination of this course is the Spring Thesis exhibition in the Kohl Gallery, conceived and produced by the course's participants, and the associated supporting activities. FOR STUDIO ART & ART HISTORY MAJORS: A year-long research project combining studio practice and art historical methodology, developed in consultation with Art + Art History faculty; OR separate SCE projects in each field according to the requirements listed above for each major.
Term(s) Offered: All Terms, All Years

ART 105 Introduction to Global Art History 4 Credits
A survey of the arts of Asia, Africa, the Americas, and Oceania from prehistory up to the 20th century. This course also serves as introduction to the basic tools and concepts of art historical analysis, which synthesizes form, content, and cultural context to develop a deeper understanding of artworks.
Term(s) Offered: Fall, All Years

ART 110 Intro to the History of Western Art 4 Credits
A careful discussion and analysis of a selection of significant topics in the history of Western art from prehistory to the 21st century. This course also serves as an introduction to the basic tools and concepts of art historical analysis, which synthesizes form, content, and cultural context to develop a deeper understanding of artworks
Term(s) Offered: All Terms, All Years

ART 115 Arts of the Islamic World 4 Credits
An introduction to the art history of Islamic societies from the 7th century to the present, including discussion of the place of art in the Islamic faith, the relationship between art and power, and the importance of cross-cultural exchanges. Basic art historical methodology is introduced. Lectures and some discussion.
Term(s) Offered: Spring, All Years

ART 151 Visual and Critical Thinking 4 Credits
This introductory level studio course investigates conceptual and material skills useful for making visual art. The curriculum is interdisciplinary and designed to emphasize the development of studio fundamentals through hands-on studio projects that allow for technical practice, critical thinking, and experimental approaches. Basic visual design principles are covered, while contemporary examples are presented through lectures and applied to studio problems.
Cross-listed as: .
Term(s) Offered: All Terms, All Years
Fees: $25 Lab Fee

ART 161 Collage 4 Credits
Collage is one of the most familiar and accessible art forms. Taken from the French word 'coller,' meaning 'to stick together or glue,' collage is simply the art of combining existing materials to create complex images and compositions. And yet, because it generates new relationships between existing materials, it can be fantastically incisive, subversive, or visionary. This studio art course explores collage as an art form, technique and strategy. Assignments will ask students to create collage-based artworks in response to a series of creative and conceptual prompts, while in-class lectures and discussions will examine the impact of collage on 20th and 21st century art and culture.
Term(s) Offered: Spring, All Years

ART 163 Artist Books 4 Credits
An artist book is an artwork in the form of a book. It can be one-of-a-kind or produced in a limited edition. Some artist books take familiar forms, while others are sculptural, conceptual or performative. Through this course, students will learn hand-binding techniques to create a range of both traditional and experimental book structures, and will build upon this knowledge to generate book-based artworks in response to conceptual assignment prompts.
Term(s) Offered: Fall, Even Years
Fees: $25 Lab Fee

ART 183 Art as Inquiry 4 Credits
In this introductory class you will learn to make art through processes of exploration, curiosity, inquiry, and play. You will also learn to develop and follow your own interests, instincts, and line of questioning in your art projects - all critical skills for any creative thinker. Art will be approached as a meaning-making endeavor used to examine, experiment with, and contemplate the world. As an introductory studio course you will be given creative prompts, technical strategies, and other hands-on feedback that encourage you to devise unconventional, surprising, and open-ended visual art projects. We will focus more on ways of making and thinking than on the final art products. Failures and unexpected turns are welcome and encouraged. Precedents for art as an inquiring and exploratory process will be studied through lectures, readings, videos, research projects, and other class activities.
Term(s) Offered: Other, Non Conforming

ART 194 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

ART 211 Making Gods in Mediaval&early Modern Art 4 Credits
This art history course surveys the material culture of the religions of Europe from 300 to 1500 CE, including Christianity, Judaism, and polytheistic traditions. The function of artworks in religious practice will be discussed, with particular attention to controversies over the use of art in religious practice. Lectures with rich discussion.
Term(s) Offered: Fall, Even Years

ART 212 Beauty&Power in Medieval & EarlyMod Art 4 Credits
This art history course examines how art and architecture served to project power and prestige among cultural elites in Europe from 300 to 1500 CE. Considers how imagery, materials, and technological elements enhanced the social standing of the people who created, owned, and displayed a work of art. Lectures with rich discussion.
Term(s) Offered: Spring, Even Years

ART 222 Body, Nature and Nation in American Art 4 Credits
Although this art history course sketches in the art of the early colonies, its main body begins at the period of the American Revolution. Lectures and discussion explore the changing significance of the visual arts in American life and culture through the 1930s. Field trips to museums in Washington. This course is cross listed under American Studies.
Term(s) Offered: Fall, Odd Years

ART 235 Art in the Anthropocene 4 Credits
This course brings students into the chemist's lab and artist's studio at turns to offer interdisciplinary insight into the overlap between scientific versus artistic processes of inquiry. Students are taught the chemical processes of various art materials and how to make, harvest, or find their own environmentally friendly materials which are then incorporated into self-designed art projects. The laboratory curriculum asks students to identify environmental hazards of art materials, understand the link of these hazards to related ailments and devastations, and identify sustainable science solutions that avoid use of the hazards. The studio curriculum introduces students to aesthetic and conceptual frameworks that contemporary artists use, and encourage students to develop a distinctive creative voice that considers the meaning of the materials and processes they work with. This course fulfills the distribution requirement for either the Humanities and Fine Arts OR the Natural Sciences and Quantitative. Chemistry majors on the non-ACS certified track, Chemistry minors, and Art and Art History majors/minors can count this course as an elective for their major or minor. ACS-certified majors can only count this course as an elective for the Fine Arts distribution.
Cross-listed as: ART 235/CHE 235
Term(s) Offered: Other, Non Conforming
Fees: $25 Lab Fee

ART 241 Environmental Art 4 Credits
This seminar course introduces students to the basic concepts of environmental art through a series of environmental art projects made both inside and outside, in the field. The curriculum centers on deepening student awareness of how a range of materials, spaces, and approaches can be used to make environmental art projects. The course will explore both individual and collaborative strategies. Students will engage in creative work and basic environmental research, supported by related class discussions and critiques. Readings and screenings about environmentally engaged artists coincide with creative projects.
Cross-listed as: ART 241/ENV 241
Term(s) Offered: Other, Non Conforming
Fees: $25 Lab Fee

ART 245 Introductory Photography Studio 4 Credits
This studio course serves as an introduction to digital photography, and will cover basic camera skills and photographic processes, although course emphasis is on the conceptual and creative uses of photography as an artistic medium. Students will gain the technical and critical skills to fulfill creative goals. Complex relationships between imagery, composition and meaning will be explored through creative assignments, lectures, discussions, and readings. The work of contemporary artists working in photography will be explored at length.
Term(s) Offered: Fall, All Years

ART 247 Introductory Video & New Media 4 Credits
This studio course introduces students to an interdisciplinary grounding in the techniques, concepts, and empirical experiences they will need to engage video and new media technologies in the making of art. Students develop the necessary conceptual and technical grounding to engage the creation of imagery through digital means by studying various video and computer imaging strategies. Contemporary artists working in the mediums of video and new media are examined through lectures and screenings.
Cross-listed as: .
Term(s) Offered: Other, Non Conforming

ART 250 Introductory Drawing Studio 4 Credits
This studio class introduces students to drawing through a range of material, conceptual, and skill-based approaches. While focusing on basic skills and concepts of drawing, the curriculum is also interdisciplinary in nature. In addition to drawing fundamentals, the course also places emphasis on experimental approaches and on connecting conceptual thinking to one's broader creative practice. Contemporary and historical examples of artists working within such a creative practice are covered through readings, lectures, and screenings.
Cross-listed as: .
Term(s) Offered: Spring, All Years

ART 260 Introductory Painting Studio 4 Credits
This studio course focuses on the fundamentals of painting including material, technical, and conceptual perspectives. The curriculum introduces basic skills and theories while also exploring interdisciplinary, experimental, and expressive applications of the medium. Basic materials and processes are covered to help students move from concept to completed works. Emphasis is placed on the field of contemporary painting in particular. Artists who work within a painterly tradition are explored in lectures, screenings, readings, and research projects.
Cross-listed as: .
Term(s) Offered: Fall, All Years

ART 265 Intro Printmaking Studio 4 Credits
Using a range of traditional and experimental methods, this course introduces printmaking as an artistic and expressive medium. Printmaking techniques generate artworks that may be repeatable or unique, and assignments highlight the multiple as a conceptual or strategic choice. Course builds upon and expands students' skills in drawing, 2D design, color, and composition while emphasizing the relationship between concept, imagery and form. Printmaking's role in contemporary art is examined through readings, lectures and screenings.
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

ART 270 Introductory Sculpture Studio 4 Credits
This introductory course introduces students to the basic skills, processes, and conceptual concerns of contemporary sculptural approaches. The curriculum examines the expansiveness of sculpture's inherently interdisciplinary definition. In addition to sculpture fundamentals the course engages the critical and theoretical relationship between meaning and making. Artists whose works exemplify historical and contemporary approaches are examined through lectures, screenings, and readings.
Cross-listed as: .
Term(s) Offered: All Terms, All Years
Fees: $50 Lab Fee

ART 277 The Creative Process 4 Credits
Requisites: Pre-req: One course in Studio Art, MUS, THE, DAN, Creative Writing.
Cross-listed as: Art 277/MUS 234/THE 233
Term(s) Offered: All Terms, All Years

ART 290 Art Internship 4 Credits
An internship focusing on the administrative work of running an arts organization, including marketing, finances, program logistics, volunteer coordination, and other managerial work. The standard syllabus for AME Internships must be followed as the internship contract unless another arrangement is made with the AME director. Graded A-F. 45 hours, per credit are required.
Term(s) Offered: All Terms, All Years

ART 294 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

ART 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ART 310 Art & Nature in Med & Early Modern Eur. 4 Credits
An art historical exploration of how ideas about the natural world can be perceived in artworks from Europe from 500 to 1500 CE. Topics include the depictions of animals and landscapes, the use of natural materials in art, and cultural concepts such as Creation, wilderness, and wonders. Lectures with rich discussion.
Term(s) Offered: Spring, Odd Years

ART 312 Depicting Difference in Med&earl Mod Art 4 Credits
How did medieval Europeans view human differences? What defined ethnicity for them? Did they have a concept of race, or is that a wholly modern phenomenon? This course explores these questions and more through the art of the Middle Ages and Early Modern period, as well as modern revivals of medieval culture.
Term(s) Offered: Fall, Odd Years

ART 318 Romanticism to Post-Impressionism 4 Credits
Starting with Romanticism, this art history course gives intensive coverage to the major nineteenth-century movements in European art. The art of the period is seen in its cultural context with special reference to art criticism and to social conditions. Prerequisite: one art history course or permission of instructor.
Requisites: Pre or co-req: ART 110 or ART 200
Term(s) Offered: Spring, Odd Years

ART 320 20th Century Art 4 Credits
This art history course discusses major artistic developments and key figures in twentieth-century art from Matisse and Picasso into the twenty-first century. The emergence of abstraction, the historical position of the avant-garde, and theories of visual modernism are among the themes discussed in the course.
Requisites: Pre or co-req: ART 110
Term(s) Offered: Fall, Odd Years

ART 322 Body, Nature and Nation in American Art 4 Credits
Although the course sketches in the art of the early colonies, its main body begins at the period of the American Revolution. Lectures and discussion explore the changing significance of the visual arts in American life and culture through the 1930s. Field trips to museums in Washington.
Requisites: Pre or co-req: ART 110
Term(s) Offered: Fall, Odd Years

ART 324 Photography's First Century 4 Credits
This art history course examines historical developments in photography from the 1830s to the 1920s, from the medium's inception through early modernism. Lectures and discussion consider topics at issue in debates about photography's place in the history of art, such as changing attitudes toward photography's dual role as aesthetic creation and as documentary artifact.
Term(s) Offered: Fall, Even Years

ART 343 Art and Language 4 Credits
Our society and traditions separate what words mean from the way words look. However, contemporary artists such as Glenn Ligon, Barbara Kruger, Yoko Ono and Bruce Nauman have explored words as aesthetic and conceptual material. This seminar course emphasizes written, printed and spoken language as a medium for making 2D, 3D, installation and time-based art. This course is taught from a studio art perspective but welcomes students of poetry, creative writing and all other disciplines.
Term(s) Offered: Spring, Non Conforming
Fees: $25 Lab Fee

ART 345 Photography Intensive 4 Credits
This studio course examines the production and pertinent concepts of photographic based images. The curriculum is primarily centered on camera-based work, while allowing for the exploration of other methods of photographic image creation such as scanners, cell phones, and copiers. Technical instruction and principles of composition are employed to form an understanding as to how the construction and manipulation of photographic images implicate form and meaning. Contemporary photographic based image-makers are examined through screenings, readings, and lectures.
Requisites: Pre or co-req: ART 247, ART 250, ART 251, ART 260, ART 270
Cross-listed as: ART 345/ART 281
Term(s) Offered: Spring, Even Years

ART 347 New Media Intensive 4 Credits
This is an advanced studio course in the study of the intersection between art and technology. A broad interdisciplinary investigation of the skills, concepts, and applications that are necessary to develop a creative practice versed in the technologies of our time are pursued. Particular emphasis is placed on the conceptual implications of choosing such a practice, and how those implications inform each student's work. Current practitioners within the discipline are examined through lectures, readings, and screenings.
Requisites: Pre or co-req: Take ART *247, ART*250, ART*251, ART*260, ART*270
Term(s) Offered: Other, Non Conforming

ART 350 Drawing Intensive 4 Credits
Drawing is both a verb and a noun; it is a practice and an outcome. The making of a drawing can be highly personal and intimate or public and collaborative. A drawing can be a mark on a page left by the hand, a line or residue on the landscape or in three-dimensional space, or an action in time. Drawing Intensive focuses on expanded definitions of drawing and methods of mark-making in 2, 3 and 4 dimensions. Assigned projects allow for maximum opportunity to explore individual subject matter interests, whether ideological, political, environmental, aesthetic or otherwise.
Term(s) Offered: Fall, All Years

ART 360 Painting Intensive 4 Credits
Painting Intensive offers students a chance to explore the materials and strategies associated with contemporary painting in a sustained, in-depth way. The course may be taught thematically to align with or complement programming happening on campus or in Kohl Gallery, respond to current news and events, and meet challenges posed by students' individual interests. Areas of emphasis may include watercolor, advanced acrylic techniques, or other exploratory processes. No prerequisites.
Requisites: Pre or co-req: ART 251, ART 261, ART 271, ART 281, or ART 291
Term(s) Offered: Spring, All Years

ART 365 Printmaking Intensive 4 Credits
Students expand upon previously-developed skills in relief, monoprint, silkscreen and experimental printmaking techniques, with an emphasis on identifying and actualizing individual creative goals. Assignments and coursework are student-driven and participants must possess a high degree of independent motivation.
Requisites: Pre-req: ART 265
Term(s) Offered: Spring, All Years
Fees: $25 Lab Fee

ART 370 Sculpture Intensive 4 Credits
Sculpture Intensive offers students a chance to explore the materials and strategies associated with contemporary sculpture in a sustained, in-depth way. The course is taught thematically to align with or complement programming happening on campus or in Kohl Gallery, respond to current news and events, and meet challenges posed by students' individual interests. Skills developed may include casting and mold-making; fabrication strategies; soft sculpture; kinetic art; responding to site; socially-engaged practices and other topics according to student interest. Assigned projects offer maximum opportunity to explore individual subject matter interests, whether ideological, political, environmental, aesthetic or otherwise. No prerequisites.
Term(s) Offered: Fall, Even Years
Fees: $25 Lab Fee

ART 375 Arts Administration 4 Credits
This course explores various aspects of leadership, management, and entrepreneurship for the visual and performing arts. Students learn how arts organizations define themselves, make decisions, and plan for the future. Topics may include: leadership & governance, mission & strategy, program planning & evaluation, intellectual property & contracting, marketing & public relations, and/or budgeting & fundraising. This course has no curricular prerequisite, but requires a baseline interest in and understanding of the arts.
Cross-listed as: ART 375/BUS 375/MUS375/THE375
Term(s) Offered: Spring, Even Years

ART 383 Advanced Art as Inquiry 4 Credits
This advanced studio course asks you to see art less as a finished aesthetic product and more as a process of inquiry and experimentation that draws on interdisciplinary and humanistic concerns. Making art becomes a mechanism for you to explore and contemplate the world, and draw out new meanings and insights in the process. Over the course of the semester, you will select areas of creative interest to develop, research and ultimately make visual art about. You can draw on any field, curiosity, or personal passion as you follow your own instincts and line of questioning. As an upper-level course you will be encouraged to be ambitious, self-direct, and take creative risks, as you devise unconventional, surprising, open-ended visual art projects. Precedents for art as an inquiring and exploratory process will be studied through lectures, readings, videos, research projects, and other class activities
Requisites: Pre-req: Any 100 or 200 Level Studio Art Course
Term(s) Offered: Other, Non Conforming

ART 390 Art Internship 4 Credits
An internship focusing on the administrative work of running an arts organization, including marketing, finances, program logistics, volunteer coordination, and other managerial work. The standard syllabus for AME Internships must be followed as the internship contract unless another arrangement is made with the AME director. Graded A-F. 45 hours, per credit are required.
Term(s) Offered: All Terms, All Years

ART 392 Contemporary Practices 4 Credits
This course provides a practical and theoretical framework for students who wish to pursue a life in the arts. Students begin to define their creative practice by writing an artist statement; learn about the range of professional and career opportunities in the field and develop the skills needed to present their work professionally. Students will gain familiarity with the field of contemporary art through studio visits with practicing artists, field trips to galleries and museums, and independent research. Required of all majors in Studio Art and recommended for interested minors. Prerequisite: major or minor status, any 300 level studio art course or permission of instructor.
Term(s) Offered: Spring, All Years

ART 394 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

ART 397 Independent Study 4 Credits
Exceptional students in their Junior or Senior years seeking to define their own course of study, distinct from the course offerings in the department, may submit a formal application to do so. The deadline for applications is the end of the 7th week of the preceding semester and must consist of a 1-page written proposal for the student's course of study, a portfolio of recent written work, a bibliography of texts relevant to the proposed course of study, and a proposed course syllabus. Proposals will be reviewed, and notice will be given by the department's faculty. If the student's application is accepted, notification of acceptance will be accompanied by an assigned art history advisor to facilitate the course of study during the desired semester. Prerequisite: one art history course.
Requisites: Pre-req: One Art History course or Advanced Studio.
Term(s) Offered: All Terms, All Years

ART 425 Women Artists & Feminist Art History 4 Credits
This art history seminar examines the variety of approaches that feminist art historians have taken in studying art made by women in the modern and postmodern periods. We are concerned both with the historical analysis of individual works of art and with an exploration of how feminist theories, practices, and political commitments have affected, and can continue to change, the discursive and institutional construction of the history-or histories-of art and visual culture.
Requisites: Pre-req: One Art History course
Term(s) Offered: Spring, Odd Years

ART 490 Museum Internship 4 Credits
This internship is for seniors with a strong academic record in the Department. In recent years, art majors have held internships at such places as the Walters Art Museum, Baltimore; the Massachusetts Museum of Contemporary Art, North Adams, Massachusetts; the Kunst Museum, Bonn; and the British Museum, London. Students can also intern for academic credit at the College's Kohl Art Gallery.
Term(s) Offered: All Terms, All Years

ART 491 Studio Art Senior Seminar (fall) 0 Credits
Required of all graduating seniors preparing for the Studio Senior Capstone Experience, this course instigates a concept-driven and research-supported project. Guided by a faculty advisor and other studio art faculty, the seminar is an intensive exploratory period of weekly studio work and research with feedback from peers. The curriculum prepares each student for the culminating Spring Thesis exhibition by guiding them through the process of developing a coherent body of work, including the ideas and influences driving that work, and the practical issues that need be navigated in order to fully realize each student's vision. Each student's performance in this non-credit bearing course will influence their grade earned at the completion of the Studio Senior Capstone Experience. Should be taken in the fall semester of senior year.
Requisites: Pre-req: ART 392
Term(s) Offered: Fall, All Years

ART 492 Studio Art Senior Seminar (spring) 0 Credits
Required of all graduating seniors preparing for the Studio Senior Capstone Experience, this course is a continuation of the intensive weekly studio work and research begun in ART 491 culminating in the Spring Thesis exhibition. Each student's performance in this non-credit bearing course will influence their grade earned at the completion of the Studio Senior Capstone Experience. Should be taken in the spring semester of senior year.
Requisites: Pre-req: ART 392 and ART 491
Term(s) Offered: Spring, All Years

ART 494 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

ART 495 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

ART 497 Art Independent Study 4 Credits
Exceptional students in their Junior or Senior years seeking to define their own course of study, distinct from the course offerings in the department, may submit a formal application to do so. The deadline for applications is the end of the 7th week of the preceding semester and must consist of a 1-page written proposal for the student's course of study, a portfolio of recent written work, a bibliography of texts relevant to the proposed course of study, and a proposed course syllabus. Proposals will be reviewed, and notice will be given by the department's faculty. If the student's application is accepted, notification of acceptance will be accompanied by an assigned art history advisor to facilitate the course of study during the desired semester. Prerequisite: one art history course.
Requisites: Pre-req: One Art History or Advanced Studio course.
Term(s) Offered: All Terms, All Years

Biochemistry & Molecular Bio (BMB)

BMB SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience is an intensive research project on a topic chosen by the student and guided by a faculty mentor. It hones research, analytic, and writing skills developed during four years of study. Students complete the Capstone while enrolled in the four-credit Senior Capstone Experience (SCE) course, usually in the spring of their senior year.
Term(s) Offered: All Terms, All Years

Biology (BIO)

BIO SCE Senior Capstone Experience 2-4 Credits
Students enroll in the SCE course during their final year. Credits are awarded in the final semester for year-long experimental SCEs and double-majors, and during the semester of completion for single-semester, monograph-based SCEs.
Term(s) Offered: All Terms, All Years

BIO 100 Current Topics in Biology with Lab 4 Credits
An introduction to some of the fundamental principles and concepts of modern biology. Emphasis varies with the course, which might range in topic from forensic biology to toxicology to ecology and evolution. The application of biological phenomena to everyday life and the scientific method are emphasized. The laboratory explores topics introduced in lecture and exposes students to investigative learning.
Term(s) Offered: All Terms, All Years
Fees: $25 Lab Fee

BIO 111 General Biology I with Lab 4 Credits
This course provides an introduction to living systems. Topics studied include biomolecules, cell structure and function, metabolism, genetics and molecular biology (BIO 111) and diversity of life, physiology of plants and animals, evolution, and ecology (BIO 112). The laboratory complements the lecture and also provides an introduction to experimentation and communication of experimental results. Successful completion of BIO 111, 112 requires students to enroll in the lab sections of General Biology (BIO 113, 114) independently of the lecture. These courses are designed for students with a strong interest in the biological sciences and are prerequisites for upper-level biology courses.
Requisites: Coreq: BIO 113
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

BIO 112 General Biology II with Lab 4 Credits
This course provides an introduction to living systems. Topics studied include biomolecules, cell structure and function, metabolism, genetics and molecular biology (BIO 111) and diversity of life, physiology of plants and animals, evolution, and ecology (BIO 112). The laboratory complements the lecture and also provides an introduction to experimentation and communication of experimental results. Successful completion of BIO 111, BIO 112 requires students to enroll in the lab sections of General Biology (BIO 113, BIO 114) independently of the lecture. These courses are designed for students with a strong interest in the biological sciences and are prerequisites for upper-level biology courses.
Requisites: Pre-req: BIO 111 ; Coreq: BIO 114
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

BIO 113 General Biology I Lab 0 Credits
This is the laboratory section corresponding to the General Biology I lecture (BIO 111). BIO 113 is a required co-requisite of BIO 111. Assessments in BIO 113 are incorporated into the final grade of BIO 111.
Term(s) Offered: Fall, All Years

BIO 114 General Biology II Lab 0 Credits
This is the laboratory section corresponding to the General Biology II lecture (BIO 112). BIO 114 is a required co-requisite of BIO 112. Assessments in BIO 114 are incorporated into the final grade of BIO 112.
Requisites: Pre-req: BIO 111
Term(s) Offered: Spring, All Years

BIO 190 Biology Internship 4 Credits
An internship developed by a faculty mentor and student in close consultation with the supervisor at the internship site. A learning contract is developed prior to enrollment in the course. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. Graded A-F. 45 hours per credit are required.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years

BIO 194 Special Topics 4 Credits
The study of areas in biology that are not regularly offered in the curriculum. Courses may be interdisciplinary, seminar or winter/summer field-type courses and will be designated as Category I, II or III, if there is a laboratory component.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years

BIO 202 Stem Cell Biology with Lab 4 Credits
Stem cells possess the ability to build new tissues or replenish depleted ones. This course serves as an introduction to the unique biology of stem cells and their potential clinical applications in the treatment of degenerative disorders.
Requisites: Pre-req: BIO 111
Term(s) Offered: Spring, Odd Years
Fees: $50 Lab Fee

BIO 203 Microbiology with Lab 4 Credits
A study of microorganisms (viruses, bacteria, archaea, fungi, and protists). Topics include structure/function of prokaryotic cells; microbial metabolism, growth, genetics, and diversity; epidemiology; mechanisms of pathogenicity; selected infectious diseases; and environmental microbiology. The laboratory portion of the course emphasizes microscopy, microbial culture and enumeration, microbial metabolism, and water, food, and medical microbiology.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

BIO 205 Cell & Molecular Biology with Lab 4 Credits
Part of an introductory set of courses designed for biology majors. This course provides an introduction to the cellular processes common to life with central themes including metabolism, macromolecular function and the genetic basis of cellular function. We examine the composition and function of membranes, how the structure of proteins affects function, the central dogma of information transfer, and how cells communicate. This course is designed to prepare students for in-depth, upper-level work in areas related to cell biology, molecular biology, biochemistry and genetics.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years
Fees: $50 Lab Fee

BIO 206 Ecology with Lab 4 Credits
A study of the fundamentals of ecology. Topics include the relationships between organisms and their physical environment, population growth and structure, life histories, predator-prey interactions between species, community structure and dynamics, and ecosystem structure & function. Most of the weekly laboratories involve on or off-campus field trips for the collection of data from various ecosystems, while the remaining labs involve processing, graphing and statistical analysis of field data.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years
Fees: $50 Lab Fee

BIO 208 General Zoology with Lab 4 Credits
General Zoology topics range from taxonomy and systematics to the basic patterns of form and function that characterize the major groups of animals. Lecture and laboratory work include functional morphology, reproduction, development, evolution, and ecology from simple protozoans through complex vertebrate taxa. The course emphasizes diverse adaptations of animals to the aquatic and terrestrial habitats in which they live.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: Fall, Non Conforming
Fees: $50 Lab Fee

BIO 209 Genetics with Lab 4 Credits
A study of heredity in cells, individuals, and populations, and of the molecular expression of genes. The course emphasizes genetic analysis in both lab and lecture. Topics in the laboratory include experiments in transmission, population, cellular, and molecular genetics using a variety of organisms as models.
Requisites: Pre-req: BIO 111 and BIO 112
Cross-listed as: BIO 305/BIO 209
Term(s) Offered: All Terms, All Years
Fees: $50 Lab Fee

BIO 211 Plant Biology & Diversity with Lab 4 Credits
An introduction to plants emphasizing their diversity, structure, function, and ecology. The laboratory includes field trips to collect local flora and explores plant cells and tissues, physiological processes, and environmental influences on growth and metabolism.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: Fall, Non Conforming
Fees: $50 Lab Fee

BIO 213 Tropical Ecology 4 Credits
Tropical rainforests are a center of biodiversity and are of significant ecological importance. This course immerses students in the tropical rainforests of Central America, allowing for extensive observation and explorations of topics such as animal behavior, ornithology, herpetology, ecosystem services, and biodiversity. In addition to two weeks in a lowland tropical rainforest, the course also features pre-departure and post-travel class meetings and activities.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: Winter, Even Years

BIO 221 The Bermuda Environment 4 Credits
This summer course investigates the complex marine ecology of the Bermuda Islands, the impact that human habitation and tourism have had on their natural history, and current environmental concerns and means of mitigating those concerns. Major areas of study include (but not be limited to) geology of Bermuda, biogeography and colonization, coral reef ecology, sponge and sea grass ecology, culture and history of Bermuda and its major towns, and the environmental impacts of so many people living on and visiting such a small area of islands.
Requisites: Pre-req: BIO 111, BIO 112, or ENV 101
Cross-listed as: BIO 221/ENV 221
Term(s) Offered: Summer, Odd Years

BIO 228 Ornithology with Lab 4 Credits
An in-depth study of birds with respect to their evolutionary history, structural and physiological adaptations, behavior, and ecology. The laboratory component of this course focuses on the identification of local species of birds and reinforcement of lecture topics in the field. The lab introduces research techniques used to study birds in the field and includes visits to the River and Field Campus (RAFC) and local wildlife areas.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: Fall, Odd Years
Fees: $50 Lab Fee

BIO 290 Biology Internship 4 Credits
An internship developed by a faculty mentor and student in close consultation with the supervisor at the internship site. A learning contract is developed prior to enrollment in the course. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. Graded A-F. 45 hours per credit are required.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years

BIO 294 Special Topics 4 Credits
The study of areas in biology that are not regularly offered in the curriculum. Courses may be interdisciplinary, seminar or winter/summer field-type courses and will be designated as Category I, II or III, if there is a laboratory component.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years

BIO 295 On Campus Research 4 Credits
A ten-week on-campus summer research project to be guided by a faculty mentor. Based on mutual interests, the student and faculty mentor develop a research project, supported by a reading list and involving theoretical, laboratory, or field investigations. Participants produce a final report detailing the findings of their research. Selection of students depends on academic background, scholastic achievement, and the results of a personal interview with the faculty mentor. 45 hours per credit required. Graded A-F
Term(s) Offered: Summer, All Years

BIO 296 Off-Campus Research 4 Credits
An individual research project chosen by the student in consultation with a faculty mentor. The project involves the design and performance of an experiment or experimental series and submission of a written report. 45 hours per credit are required. Graded A-F
Term(s) Offered: Summer, All Years

BIO 301 Integrative Human Anatomy with Lab 4 Credits
A holistic, integrative investigation into the major body systems of humans, examining human anatomy through an integrative lens. Integration occurs across levels of organization (from molecules and cells up through organ systems) as well as time (across the phylogeny of vertebrates), with emphasis placed on system structure, function, and evolutionary modification across vertebrate phylogeny. Laboratory work consists of detailed systems-level examination, interactive simulations, and guided dissection.
Requisites: Pre-req: BIO 111, BIO 112, and one 200 level BIO course
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

BIO 302 Developmental Biology with Lab 4 Credits
Developmental biology integrates concepts and practices from cell biology, genetics, anatomy, neurobiology, evolutionary biology, and beyond to examine how complex multicellular organisms arise from a single cell--the fertilized egg. This course discusses the events of development from fertilization through organ development in a range of animal systems, focusing on the cellular and molecular mechanisms that regulate cell and tissue growth and differentiation. Laboratory exercises use model organisms such as the embryonic sea urchin, fish, chick, and fruit fly to introduce common experimental techniques. Class discussions connect basic concepts from developmental biology to ethical debates related to reproductive, maternal, and fetal health.
Requisites: Pre-req: BIO 111, BIO 112, and one 200 level BIO course
Term(s) Offered: Fall, Non Conforming
Fees: $50 Lab Fee

BIO 309 Marine & Estuarine Bio with Lab 4 Credits
The course examines marine and estuarine ecosystems. The course focuses on coastal communities common in the mid-Atlantic region (rocky intertidal, sandy beach, salt marsh, etc.), but also addresses more exotic marine communities (deep sea, coral reef, mangrove, etc.). Lectures focus on the biological, chemical and physical oceanographic processes influencing these ecosystems and the ecology of interacting species in these communities. Labs provide an introduction to marine invertebrate zoology for the first half of the semester and independent research projects working with marine invertebrate species during the second half of the semester. One of the labs involves a day-long trip to sandy beach, dune, maritime forest, and salt marsh communities in Lewes, DE.
Requisites: Pre-req: BIO 111, BIO 112, and one 200 level BIO course
Term(s) Offered: Spring, Even Years
Fees: $50 Lab Fee

BIO 311 Neurobiology with Lab 4 Credits
An overview of the field of neurobiology. The structure and components of the nervous system are discussed. In addition, the methods of communication within the nervous system and including an overview of some of the sensory systems that relay environmental cues for processing in the CNS are examined. The purpose of this laboratory is to become familiar with neuroanatomy as well as experimental techniques used in the field of neuroscience both by hands on experience and reading/ presenting journal articles.
Requisites: Pre-req: BIO 111, BIO 112, and one 200 level BIO course
Term(s) Offered: Fall, Non Conforming
Fees: $50 Lab Fee

BIO 313 Wetlands Ecology with Lab 4 Credits
Wetlands Ecology provides an in-depth examination of the function and types of wetlands with an emphasis on ecosystem services, biodiversity and conservation. Lecture includes a broad overview of the role wetlands play in larger ecosystems as well as the hydrology, geology, chemistry, trophic interactions, and species common to these unique aquatic systems. Laboratories include a large field-based component where students will learn to identify wetlands and their associated flora and fauna.
Requisites: Pre or co-req: BIO 111, BIO 112, and BIO 206 or ENV 294 Applied Ecology
Cross-listed as: BIO 313/ENV 313
Term(s) Offered: Spring, Non Conforming

BIO 314 Biotechnology & Molecular Bio with Lab 4 Credits
This course introduces the tools and techniques of biotechnology. While the discipline of biotechnology is founded in molecular biology, its tools can be applied to tackle problems in all branches of biology from cell biology to evolution. This course provides the conceptual background for understanding the basis of biotechnology and emphasizes laboratory activities related to DNA and DNA-RNA-protein interconnections. Student learn standard techniques in DNA analysis and cloning.
Requisites: Pre-req: BIO 111 and BIO 112, and one upper-level Biology course. ; Pre or co-req: CHE 140
Term(s) Offered: Spring, Non Conforming

BIO 315 Ecophysiology with Lab 4 Credits
This course examines how organisms' physiological responses have evolved in response to ecological challenges, such as fluctuating or extreme conditions in their environment. Discussions of physiological adaptations integrate topics from a variety of fields, including behavior, ecology, and molecular biology. Interactions between vertebrate animals and their biotic and abiotic environments are emphasized. The laboratory component of the course includes both in-lab and field activities.
Requisites: Pre-req: BIO 111, BIO 112, and one 200 level BIO course
Term(s) Offered: Fall, Non Conforming
Fees: $50 Lab Fee

BIO 328 Behavioral Ecology with Lab 4 Credits
This course addresses how animal behavior has evolved in response to ecological pressures in the environment. Topics covered in the course include competition, sexual selection, parent-offspring conflict, social interactions, and game theory. Laboratory work includes discussions of primary literature, activities in the classroom, and field excursions.
Requisites: Pre-req: BIO 111 and BIO 112.
Term(s) Offered: Spring, Even Years

BIO 336 Fish Physiology and Behavior with Lab 4 Credits
Fish are the oldest, largest, and most diverse group of vertebrates on Earth. Humans have 5 senses, but most fish have 6 and some have 7. The physiology, anatomy, behavior, and ecology of fishes are discussed are discussed. Topics include locomotion, feeding, sensory biology, predator/prey interactions, communication, reproduction and extreme habitats like the deep sea and polar waters. Laboratory work is split between identification of specimens to become familiar with the major fish families of the Chesapeake region and investigations of fish behavior, including a multi-week independent project. Lab includes two all-day field trips, one to the largest fish collection in the world at the Smithsonian Museum of Natural History Support Facility and one to the Baltimore Aquarium.
Requisites: Pre-req: BIO 111, BIO 112, and one 200 level BIO course
Term(s) Offered: Spring, Odd Years
Fees: $50 Lab Fee

BIO 350 Introduction to Toxicology with Lab 4 Credits
An introduction to the interdisciplinary field of toxicology at the molecular, environmental, and regulatory level. Basic concepts of toxicology including the history of poisons, dose-response, routes of exposure, and mechanisms of toxicity that pertain to human health and the environment are covered. Emphasis is placed on information literacy to support problem-based and evidence-based learning and case studies are used to delve into the social, political, and global issues involved.
Requisites: Pre-req: BIO 111 . BIO 205; Pre or co-req: CHE 201, or CHE 120 and CHE 140
Term(s) Offered: Spring, Non Conforming
Fees: $50 Lab Fee

BIO 351 Evolution with Lab 4 Credits
An in-depth examination of various components of evolutionary biology. Topics include (but are not limited to) evolutionary mechanisms, genetics, speciation, adaptation, extinction, evolutionary history, and analysis of evolutionary relationships. Laboratory exercises emphasize the discussion and analysis of primary literature articles supplemented by laboratory- and field-based observations.
Requisites: Pre-req: BIO 111, BIO 112, and one 200 level BIO course
Term(s) Offered: Spring, Non Conforming
Fees: $50 Lab Fee

BIO 390 Biology Internship 4 Credits
An internship developed by a faculty mentor and student in close consultation with the supervisor at the internship site. A learning contract is developed prior to enrollment in the course. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. Graded A-F. 45 hours per credit are required.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years

BIO 392 Biology Junior Seminar 2 Credits
Biology students participate with faculty in the department's weekly Biology Seminar in the spring semester of the junior year. Instruction focuses on searching the biological literature, reading of primary literature, and preparing students to be engaged in the Senior Capstone Experience. Zero credits.
Term(s) Offered: Spring, All Years

BIO 394 Special Topics 4 Credits
The study of areas in biology that are not regularly offered in the curriculum. Courses may be interdisciplinary, seminar or winter/summer field-type courses and will be designated as Category I, II or III, if there is a laboratory component.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years
Fees: $50 Lab Fee

BIO 395 On-Campus Guided Research 4 Credits
A ten-week on-campus summer research project to be guided by a faculty mentor. Based on mutual interests, the student and faculty mentor develop a research project, supported by a reading list and involving theoretical, laboratory, or field investigations. Participants produce a final report detailing the findings of their research. Selection of students depends on academic background, scholastic achievement, and the results of a personal interview with the faculty mentor. 45 hours per credit required. Graded A-F
Term(s) Offered: All Terms, All Years

BIO 396 Off-Campus Research 4 Credits
An individual research project chosen by the student in consultation with a faculty mentor. The project involves the design and performance of an experiment or experimental series and submission of a written report. 45 hours per credit are required. Graded A-F
Term(s) Offered: Summer, All Years

BIO 397 Independent Study 4 Credits
The in-depth study of an area of particular interest to a student and faculty mentor not covered by the regular curriculum. 45 hours per credit are required. Graded A-F.
Term(s) Offered: All Terms, All Years

BIO 404 Immunology with Lab 4 Credits
An overview of host defense systems. Topics include lymphoid organs, hematopoiesis, leukocyte structure and function, innate and adaptive immunity, antigens, antibodies; lymphocyte receptors, immunogenetics, the major histocompatibility complex, complement, vaccines, and immune disorders. The laboratory focuses on antigen-antibody interactions.
Requisites: Pre-req: BIO 111, BIO 112, and one 200 level BIO course ; Pre or co-req: CHE 140
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

BIO 409 Biochemistry with Lab 4 Credits
The chemistry and metabolism of biological molecules. Students learn about the structure, function and metabolism of proteins, carbohydrates, and fats. Thermodynamics and enzyme-mediated catalysis are addressed, with an emphasis on how reaction rates and energetics affect biological processes and pathways. A laboratory is conducted weekly to introduce students to experimental techniques and molecular modeling.
Requisites: Pre-req: BIO 111, BIO 205, CHE 120, CHE 140, CHE 220
Cross-listed as: BIO 409/CHE 309
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

BIO 424 Integrative Human Physiology with Lab 4 Credits
A holistic, integrative investigation into the major body systems of humans, examining human physiology through an integrative lens. Topics include gas exchange, circulation, water and ion balance, and excitable cells. Laboratory work consists of hands-on explorations of physiological phenomena, research techniques and technologies, and data analysis.
Requisites: Pre-req: BIO 111, BIO 112, & two 200 or 300 or 400 level BIO courses
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

BIO 490 Biology Internship 4 Credits
An internship developed by a faculty mentor and student in close consultation with the supervisor at the internship site. A learning contract is developed prior to enrollment in the course. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. Graded A-F. 45 hours per credit are required.
Requisites: Pre-req: BIO 111 and BIO 112 . BIO 390
Term(s) Offered: All Terms, All Years

BIO 494 Special Topics 4 Credits
The study of areas in biology that are not regularly offered in the curriculum. Courses may be interdisciplinary, seminar or winter/summer field-type courses and will be designated as Category I, II or III, if there is a laboratory component.
Requisites: Pre-req: BIO 111 and BIO 112
Term(s) Offered: All Terms, All Years

BIO 495 On-Campus Guided Research 4 Credits
A ten-week on-campus summer research project to be guided by a faculty mentor. Based on mutual interests, the student and faculty mentor develop a research project, supported by a reading list and involving theoretical, laboratory, or field investigations. Participants produce a final report detailing the findings of their research. Selection of students depends on academic background, scholastic achievement, and the results of a personal interview with the faculty mentor. 45 hours per credit required. Graded A-F
Term(s) Offered: All Terms, All Years

BIO 496 Off-Campus Research 4 Credits
An individual research project chosen by the student in consultation with a faculty mentor. The project involves the design and performance of an experiment or experimental series and submission of a written report. 45 hours per credit are required. Graded A-F
Term(s) Offered: All Terms, All Years

BIO 497 Independent Study 4 Credits
The in-depth study of an area of particular interest to a student and faculty mentor not covered by the regular curriculum. 45 hours per credit are required. Graded A-F.
Term(s) Offered: All Terms, All Years

Black Studies (BLS)

BLS 390 Black Studies Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

Business Management (BUS)

BUS SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience is an intensive research project on a topic chosen by the student and guided by a faculty mentor. It hones research, analytic, and writing skills developed during four years of study. Students complete the Capstone while enrolled in the four-credit Senior Capstone Experience (SCE) course, usually in the spring of their senior year; however, planning for the SCE begins in the spring of their junior year with the submission of an SCE application during advising week. The Capstone receives a mark of Pass, Fail, or Honors.
Requisites: Pre or co-req: BUS 401
Term(s) Offered: All Terms, All Years

BUS 109 Managerial Statistics 4 Credits
Managerial statistics focuses on the use of statistical analysis to make fact-based decisions for business firms and other organizations. Topics taught include descriptive statistics, normal distributions, probabilities, sampling distributions, hypothesis testing, ANOVA, and simple and multiple linear regression analysis. Data analysis techniques using Microsoft Excel are included.
Term(s) Offered: All Terms, All Years

BUS 111 Principles of Marketing 4 Credits
A critical approach to the study of the marketing concept including policies and principles. Emphasis is placed on the identification of variables involved in marketing decision-making and the process by which marketing decisions are made.
Requisites: Pre or co-req: ECN 112
Term(s) Offered: All Terms, All Years

BUS 112 Intro to Financial Accounting 4 Credits
An introduction to the accounting principles and procedures used for collecting, recording, summarizing, and interpreting financial information. Students learn to read and interpret financial statements. Special emphasis is placed upon the concepts of internal control over resources and transactions. Computerized spreadsheets are integrated into the course.
Term(s) Offered: All Terms, All Years

BUS 194 Special Topics 4 Credits
Topics not regularly offered in the department's normal course offerings.
Term(s) Offered: All Terms, All Years

BUS 195 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

BUS 196 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

BUS 197 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

BUS 209 Financial Analysis 4 Credits
This course introduces students to the fundamental concepts of finance and equips students with the ability to make meaningful financial decisions. This course addresses topics including the analysis of financial statements, the operation of financial markets, and the valuation of financial instruments, such as stocks and bonds. After taking this course, students should be able to (1) conduct financial ratio analysis, (2) understand the time value of money and apply the discounted cash flow (DCF) method to value assets, (3) understand the concept of risk and return, and (4) understand the importance of business ethics to the operation of financial markets.
Requisites: Pre-req: BUS 112 . BUS 109 or MAT 109 or ECN 215 or PSY 209
Term(s) Offered: All Terms, All Years

BUS 210 Management Information Systems 4 Credits
Management Information Systems (MIS) is the ethical use of information systems to achieve corporate goals and objectives. Students learn how to use MIS in solving business problems, finding new opportunities for organizational improvement, and supporting enterprise strategic, operational, and analytical objectives as well as how to apply ethical models to the process of design and deployment of information systems. Microsoft Access, SAP S/4HANA ERP software, and Tableau visualization software are used to illustrate database, transactional and analytical concepts.
Requisites: Pre-req: BUS 112
Term(s) Offered: All Terms, All Years

BUS 212 Managerial Accounting 4 Credits
Study of the use of accounting information to plan for, evaluate, and control activities. The course explores various product and service costing procedures. Other topics include responsibility accounting, budgets, financial analysis, costs control, and the time value of money. Emphasis is placed upon the use of information for management decisions.
Requisites: Pre-req: BUS 112
Term(s) Offered: Spring, Odd Years

BUS 220 Creativity&Innovation for Products&Serv 4 Credits
This course introduces the student to the techniques and process of creativity and innovation in the context of for-profit and not-for-profit organizations, leading to the creation of marketable products or services to a defined customer base. While existing enterprises are used as models, the tools acquired are also essential to the conception and formation of new ventures.
Term(s) Offered: Fall, All Years

BUS 224 Digital Marketing 4 Credits
This course introduces the practice of using social media and other digital communication channels, including Internet and mobile-based tools and platforms, to reach consumers and advance marketing strategies. Digital media can be used to build brands, create and maintain relationships, launch promotions, advertise products and services and more. While this course will aim to offer theoretical underpinnings needed to launch, manage, and measure digital marketing efforts, it will also attempt to teach students to creatively engage with digital marketing tools and to stay abreast of the latest developments in the fast-growing world of digital marketing.
Requisites: Pre-req: BUS 111
Term(s) Offered: Other, All Years

BUS 234 Intro to Nonprofit Management 4 Credits
In this course we explore the foundations of nonprofit management in our society. We focus on how nonprofits contribute to the heatlh and wellbeing of our communities. We investigate the unique challenges of nonprofits and how to manage them to promote success and longevity. We also discuss and debate how to maximize their social impact. The course focuses on case studies of high impact nonprofits and nonprofit failures from a thematic standpoint in order to critically examine the future of the sector.
Term(s) Offered: Spring, Non Conforming

BUS 250 Portfolio Management 1 Credit
This course offers a unique opportunity for students to develop and utilize their investment skills by providing real-life investing experience. In applying their research, student participants actively manage the Brown Advisory Student-Managed Investment Fund valued at over $1.5 million with an investment objective to achieve positive performance results that compare favorably to major market indices. Students learn how financial concepts and current global news information influence investment decisions. To further enhance investment skills through experiential learning, student participants may have meetings and/or conference calls with professionals from investment banks, commercial banks, public company forums, or institutes that focus on ESG (environmental, social, and governmental) investing. This class may be taken up to six times for credit. Admission subject to application and interview process. 1-credit.
Requisites: Pre-req: BUS 209
Term(s) Offered: All Terms, All Years

BUS 290 Business Management Internship 2 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

BUS 294 Special Topics 4 Credits
Topics not regularly offered in the department's normal course offerings.
Term(s) Offered: All Terms, All Years

BUS 295 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

BUS 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

BUS 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

BUS 302 Organizational Behavior 4 Credits
A research-based exploration of how organizations function. Topics include the division of labor, career management, culture, bureaucracy, teams, motivation, emotional intelligence, power, communication, gender, diversity, leadership, and ethics. Students read and discuss key scholarship, conduct primary research, and collaboratively lead a class. Not open to first-year students.
Term(s) Offered: All Terms, All Years

BUS 303 Legal Environment of Business 4 Credits
This course looks at how American law has evolved from English common law to today's statutory and regulatory legal environment. The course explores recent statutes such as Sarbanes-Oxley and Dodd-Frank and how they have impacted the way businesses operate. The course also investigates legal and ethical issues facing businesses today, different types of business associations, and liability issues faced by businesses under current tort law, contract law, and property law. Not open to first-year students.
Term(s) Offered: Fall, All Years

BUS 310 International Business 4 Credits
Introduction to the study of international business, including the dynamics of conducting business across national boundaries. Focuses on the critical roles that environment, culture, technology, politics, economics, communication, and ethics play in successfully conducting business on an international level. Not open to first- or second-year students.
Term(s) Offered: Other, Non Conforming

BUS 311 Global Business Strategy 4 Credits
An interactive course designed for future leaders to understand and experience the challenges associated with business at the global level. The course focuses on long term strategy, short term tactical options, the active management of functional areas within global operations, corporate structure, and supply chain management from raw material procurement to sales, marketing, and distribution of finished products. The course includes lectures, cases, guest speakers, and actively operating a competitive global business simulation. Not open to first- or second-year students.
Term(s) Offered: Other, Non Conforming

BUS 315 Enterprise Resource Planning Systems 4 Credits
This course introduces students to software essential to the functioning of the firm -Enterprise Resource Planning (ERP) software. Using SAP S/4HANA ERP software, students learn the information flows for distribution and manufacturing business processes and learn how ERP systems support these business processes in an integrated fashion. The course includes an introduction to system configuration, in which organizational structure, policy rules and other corporate information are analyzed and then mapped to the ERP system. Ethical consideration of impacted stakeholders is integrated throughout. Guest speakers and field trips provide real-world context.
Requisites: Pre-req: BUS 210
Term(s) Offered: Other, All Years

BUS 316 Data Analytics 4 Credits
Introduction to theory and practice encompassing tools used to perform descriptive, predictive, and prescriptive analytics in business and other social science settings. Topics include visualization, big data, and methods to approach both structured and unstructured data. Students develop actionable information from databases and spreadsheets using SAP, Tableau, and other software products.
Requisites: Pre-req: BUS 210
Term(s) Offered: Other, All Years

BUS 320 Entrepreneurship 4 Credits
A study of entrepreneurs and entrepreneurship, the process of identifying opportunities, the marshalling and management of resources, and strategic planning and development of a business plan. An examination of the management process through growth and change, including reasons for the successes and failures of specific companies.
Requisites: Pre-req: BUS 111
Term(s) Offered: Other, All Years

BUS 323 Consumer Behavior 4 Credits
This course is concerned with how and why people behave as consumers. Its goals are to: (1) provide conceptual understanding of consumer behavior, (2) provide experience in the application of buyer behavior concepts to marketing management decisions and social policy decision-making; and (3) to develop analytical capability in using behavioral research.
Requisites: Pre-req: BUS 111
Term(s) Offered: Other, All Years

BUS 324 Digital Marketing 4 Credits
This course introduces the practice of using social media and other digital communication channels, including Internet and mobile-based tools and platforms, to reach consumers and advance marketing strategies. Digital media can be used to build brands, create and maintain relationships, launch promotions, advertise products and services and more. While this course will aim to offer theoretical underpinnings needed to launch, manage, and measure digital marketing efforts, it will also attempt to teach students to creatively engage with digital marketing tools and to stay abreast of the latest developments in the fast-growing world of digital marketing.
Requisites: Pre-req: BUS 111
Term(s) Offered: Other, All Years

BUS 325 Marketing Research Methods 4 Credits
This course examines the role of marketing research in the formulation and solution of marketing problems, and the development of the student's basic skills in conducting and evaluating marketing research projects. Special emphasis is placed on problem formulation, research design, alternative methods of data collection (including data collection instruments, sampling, and field operations), and data analysis techniques using SPSS. Applications of modern marketing research procedures to a variety of marketing problems are explored.
Requisites: Pre-req: BUS 111 and BUS 109 or MAT 109 or PSY 209
Term(s) Offered: All Terms, All Years

BUS 327 Washington Center Internship 12 Credits
A full-time, semester-long internship in Washington, DC, with a federal agency, non-profit organization, or private firm. Depending upon interest and internship placement, students may attend hearings, conduct policy research, draft correspondence, monitor legislation, lobby members of Congress, or write analytical reports. Students will create an in-depth portfolio of their internship experience. 12 credits.
Requisites: Pre-req: BUS 111
Term(s) Offered: All Terms, All Years

BUS 328 Washington Center Seminar 3 Credits
Washington Center Interns participate in an evening seminar selected from a variety of topics offered during the semester. Students engage in class discussion and may also research seminar topics, prepare written assignments, and take examinations. Required of and limited to students enrolled in BUS 327. Three credits.
Requisites: Coreq: BUS 327
Term(s) Offered: All Terms, All Years

BUS 329 Washington Center Forum 1 Credit
Washington Center Interns participate in lectures, site visits, small group discussions, briefings, and other required events designed to help them understand the connection between their academic and professional goals and the special educational opportunities available through living and working in Washington, DC. Evaluations of these experiences are included in the student portfolio. Required of and limited to students enrolled in BUS 327. One credit.
Requisites: Coreq: BUS 327
Term(s) Offered: All Terms, All Years

BUS 330 International Business Experience 4 Credits
This summer course, taught by a Washington College Business Management faculty member, takes students abroad for up to two weeks of intensive study and experiential learning in international business. The itinerary is intense. Students visit two businesses each weekday for facilities tours and/or presentations by managers on their firms' international strategy. Cultural activities are scheduled in the evenings and on weekends. On-campus sessions prior to travel round out the academic component of the course and ensure that students get the most out of their experiences abroad. May be repeated for credit when the topic varies
Term(s) Offered: Summer, All Years
Fees: $400 Study Abroad Group O Fee

BUS 334 Leadership 4 Credits
What do leaders do? Are they born or made? Why are some leaders effective, and others ineffective? What role do followers play? This seminar explores these and other questions by focusing on leadership in organizations. Topics include vision, power,trust, ethics, communication, gender, and change. Not open to first-year students.
Term(s) Offered: Other, Non Conforming

BUS 336 Sports Leadership 4 Credits
In this course, students explore the leadership challenges associated with sport organizations ranging from the local and amateur level all the way through professional and international sports. Through assignments, activities, and guided reflection, students will develop a rich understanding of how sport leaders build and sustain effective organizations. Not open to freshmen.
Term(s) Offered: Spring, Even Years

BUS 340 Intermediate Accounting 4 Credits
The study of current and emerging financial accounting theory and techniques. Emphasizes financial statement presentation and the underlying treatment of cash, investments, receivables, inventory, long-lived assets, and intangible assets.
Requisites: Pre-req: BUS 112
Term(s) Offered: Other, Non Conforming

BUS 341 Income Tax Accounting 4 Credits
Federal taxation of individuals focusing on income, exclusions, deductions, depreciation, credits, and capital transactions. Property coverage includes the tax consequences of sales and dispositions of investment and business asserts. Both tax planning and tax compliance issues are covered.
Requisites: Pre-req: BUS 112
Term(s) Offered: Other, Non Conforming

BUS 342 Auditing 4 Credits
Auditing consists of a set of practical conceptual tools that help a person to find, organize, and evaluate evidence about the assertions of another party. This course will focus on those analytical and logical skills necessary to evaluate the relevance and reliability of systems and processes. Critical thinking and communications skills are developed through a variety of means including case analyses, presentations, discussion, preparation of group and individual case papers, and research of professional and scholarly literature. Recognizing that ethics is an integral part of the entire accounting-related profession and a significant topic in all the College's accounting courses, this course will contain a section reviewing audit ethics, and will cover lapses of ethical behavior by both auditors and audited firms.
Requisites: Pre-req: BUS 112
Term(s) Offered: Other, Non Conforming

BUS 343 Intermediate Accounting II 4 Credits
Continuation of Intermediate Accounting I. Continued emphasis on generation and presentation of financial statements. Special attention to inventory valuation, analysis of long-term debt instruments, asset impairment, share-based compensation, and the importance of ethical behavior in the business and reporting environment. Emphasis on comprehension, critical thinking, and problem solving.
Requisites: Pre-req: BUS 340
Term(s) Offered: Other, Non Conforming

BUS 351 Advertising 4 Credits
Overview of the advertising industry from client and agency sides. Advertising is placed within the marketing context of consumer behavior and market segmentation. Included is media strategy and selection, creative startegy, print and broadcast advertising from concept through production, advertising research, and international advertising strategy.
Requisites: Pre-req: BUS 111
Term(s) Offered: Other, All Years

BUS 352 International Marketing 4 Credits
International marketing is crucial in today's environment due to factors such as globalization of markets, emerging economies, development of innovation, and creation of regional cooperation as well as unique economic, political, and social situations within each country. We will analyze those factors along with their impact on marketing strategies and the development of opportunities in and outside the home country. Emphasis is placed on ethical concerns marketers must consider when developing a marketing strategy abroad.
Requisites: Pre-req: ECN 112 and BUS 111
Term(s) Offered: Other, Non Conforming

BUS 355 Corporate Finance 4 Credits
This course provides an in-depth analysis on the financial policies of corporations. Students learn how to use and analyze financial data to make sound managerial decisions. Topics covered include capital budgeting, capital structure, dividends, and payout policies, working capital management, real options, and mergers and acquisitions. In addition, to help students develop an ethical sensitivity in business, topic about ethics in corporate finance are included.
Requisites: Pre-req: BUS 209
Term(s) Offered: Other, Non Conforming

BUS 356 Multinational Financial Management 4 Credits
Today's firms are directly or indirectly exposed to an increasingly competitive global environment which presents significant implications for their financial strategies. This course provides students with a conceptual framework within which the key financial decisions of the multinational firms can be analyzed. It focuses on decision-making in an international context and on the use of financial analysis in solving international financial challenges, risks and threats as well as opportunities faced by international firms. Topics addressed include exchange rate determination and global risk management as well as financing and investment options for corporations in an international context.
Requisites: Pre-req: BUS 209
Term(s) Offered: Other, All Years

BUS 357 Intro to Quantitative Finance 4 Credits
This course provides an introduction to the application of mathematical models to the solution of financial problems. This course covers important topics in quantitative finance such as modeling risk-return relationships, risk management, optimal consumption decisions, portfolio analysis, correlation structure between securities and/or markets and the pricing of financial securities. This is a data applied course, in which the student will work on real-world data. For the computational aspects of the course, the student will work with Microsoft Excel. After taking this course, students should be able to (1) model different types of financial data, (2) analyze financial models, (3) confidently use Excel for calculations, optimization and modelling, and (4) be aware of the limitations of the data and models in the financial world.
Requisites: Pre-req: BUS 209
Term(s) Offered: Other, Non Conforming

BUS 360 Corporate Social Responsibility 4 Credits
This course offers an introduction to corporate social responsibility and a discussion of business ethics. Students will examine and debate the minimal social expectations for organizations embodied in ethical theories, legal doctrines, and community principles. We then explore and critique broader corporate social responsibilities by drawing upon theories that discuss an organization's role in maintaining a vibrant civil society. Finally, we analyze how corporate responsibilities can promote strategic and competitive advantages for the firm.
Requisites: Pre or co-req: BUS 302
Term(s) Offered: Spring, All Years

BUS 375 Arts Administration 4 Credits
This course explores various aspects of leadership, management, and entrepreneurship for the visual and performing arts. Students will learn how arts organizations define themselves, make decisions, and plan for the future. Topics may include: leadership & governance, mission & strategy, program planning & evaluation, intellectual property & contracting, marketing & public relations, and/or budgeting & fundraising. This course has no curricular prerequisite, but requires a baseline interest in and understanding of the arts.
Cross-listed as: ART 375/BUS 375/MUS375/THE375
Term(s) Offered: Spring, Even Years

BUS 390 Business Management Internship 2 Credits
An upper-level internship combining work experience and faculty supervision. Summer internships require attendance at regular Zoom meetings. Internships can be paid or unpaid. Prerequisite: BUS 111 and 112 and minimum 2.5 GPA, or approval by the department. Cannot be used to fulfill the Business Management elective. Graded Pass/Fail. 45 hours are required per credit.
Requisites: Pre-req: BUS 111 and BUS 112
Term(s) Offered: All Terms, All Years

BUS 394 Special Topics 4 Credits
Topics not regularly offered in the department's normal course offerings.
Term(s) Offered: All Terms, All Years

BUS 395 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

BUS 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

BUS 397 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

BUS 401 Strategic Management 4 Credits
Culmination of the study of business management, covering strategic analysis and implementation. The case study method is used, requiring oral and written presentations. All separate functional areas are integrated in the strategy process in relation to the firm's social responsibilities with regard to society, employees, and the larger environment. Must be taken at Washington College; cannot be transferred from study abroad or other institutions.
Requisites: Pre or co-req: BUS 111, BUS 209, and BUS 302
Term(s) Offered: All Terms, All Years

BUS 440 Investments 4 Credits
This course provides students with the essential concepts in investment and enables them to make meaningful investment decisions. To reach this goal, students discuss current investment theories and the associated empirical evidence found in academic research. Topics addressed include the operation of financial markets, financial assets and their valuation, and the construction of optimal investment portfolios. After taking this course, students should be able to (1) understand the operation of financial market, (2) be familiar with various financial instruments and investment strategies, (3) apply the discounted cash flow method to determine the value of financial assets, (4) conduct financial analysis to make investment decisions, and (5) understand the importance of business ethics to investment professionals.
Requisites: Pre-req: BUS 209
Term(s) Offered: Spring, All Years

BUS 455 Financial Derivatives 4 Credits
This course introduces financial derivatives and the operations of derivatives market. Coverage includes options, forward contracts, commodity and financial futures, and swaps. Students also learn how to use analytical models to determine the proper value of these financial products. Since the existence of a well-functioning financial market depends a lot on the integrity of its participants, especially the investment professionals, cases regarding financial crisis and business ethics will be provided and discussed. These case studies also allow students to strengthen their oral as well as written communication skills.
Requisites: Pre-req: BUS 209
Term(s) Offered: Other, Non Conforming

BUS 490 Business Management Internship 2 Credits
Upper-level internship combining work experience and faculty supervision. Summer internships require attendance at regular Zoom meetings. Internships can be paid or unpaid. Graded Pass/Fail. Cannot be used to fulfill a Business Management elective. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

BUS 494 Special Topics 4 Credits
Topics not regularly offered in the department's normal course offerings.
Term(s) Offered: All Terms, All Years

BUS 495 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

BUS 496 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Spring, All Years

BUS 497 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Chemistry (CHE)

CHE SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience (SCE) requires a literature-based research project or an experimental or computational project in collaboration with a chemistry faculty member and writing a thesis-quality report. Projects involve synthetic and preparative procedures and include the use of chemistry's research-grade UV-VIS, spectrofluorometer, FTIR, AA, NMR, GC, HPLC, GC-MS, ICP-MS, LC-MS, and the computational lab. The ACS-certified option requires a laboratory-based research project to meet the number of laboratory hours required by the ACS, which can be waived if ACS-certified option students have performed credit-based research in Fall or Spring semesters or during the summer. Seniors present project results in a poster session that is open to the College community. The SCE is graded (A-F).
Term(s) Offered: All Terms, All Years

CHE 110 Chemistry of the Environment with Lab 4 Credits
This introductory course focuses on the chemical dimensions of current environmental problems such as global warming, ozone depletion, water and soil contamination, and energy production. Fundamental principles of chemical bonding, reactions, and energy are studied as they arise in connection with each environmental issue. Interdisciplinary aspects are explored to further understand the multiple dimensions of the problems. Intended for students planning to major outside the sciences.
Cross-listed as: CHE 110/ENV 110
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

CHE 120 Chem Principles Org Molecules with Lab 4 Credits
This one-semester course provides a foundation in the fundamental principles of chemical structure and reactivity of organic molecules. Key topics include atomic and molecular structure, intramolecular and intermolecular forces, organic functional groups, thermochemistry, acid/base equilibria, kinetics, and basic organic reaction mechanisms. Laboratory work is designed to complement lecture material.
Requisites: Coreq: CHE 122
Term(s) Offered: All Terms, All Years
Fees: $50 Lab Fee

CHE 122 Chemical Principles Orgnc Molecules Lab 0 Credits
This is the first lab course offered in the Chemistry sequence, coupled with the lecture CHE 120. This course focuses on fundamentals of the laboratory experience including coverage of safety, demonstration of techniques and use of instrumentation with lab experiments concentrating on synthesis and analysis. Analytical techniques learned in this course include melting point determination, Thin Layer Chromatography, rotary evaporation, separatory funneling, volumetric/weight measurement and quantitative analysis/stoichiometry. This foundational lab course is necessary before moving on to more complex laboratory experiences.
Term(s) Offered: All Terms, All Years

CHE 140 Reactions of Organic Molecules with Lab 4 Credits
Reactions of Organic Molecules (CHE 140) builds upon the fundamental principles discussed in CHE 120 Chemical Principles of Organic Molecules. This course focuses on the reactivity of organic molecules, including aliphatic and aromatic hydrocarbons, their halogenated derivatives, and molecules containing heteroatoms such as oxygen, nitrogen, and sulfur. Students are also exposed to chemical synthesis and the use of modern spectroscopic techniques for the determination of molecular structure.
Requisites: Pre-req: CHE 120 ; Coreq: CHE 142
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

CHE 142 Reactions of Organic Molecules Lab 0 Credits
Along with practicing and applying foundational practices learned in CHE 122, the Reactions of Organic Molecules Laboratory course (CHE 142) expands the laboratory-technique tool-kit to include column chromatography, distillation, refluxing (sometimes in a nitrogen environment), recrystallization and more. In this course, in-depth organic synthesis is done and instrumental analysis is conducted for the first time, using GC/MS, H-NMR and IR spectroscopy.
Requisites: Pre-req: CHE 120 ; Coreq: CHE 140
Term(s) Offered: Spring, All Years

CHE 190 Chemistry Internship 4 Credits
Internships are an opportunity for students to work with industries, governmental laboratories and institutes, and outside non-research-based institutions. Students work closely with an on-site supervisor to discover the numerous aspects of the working world. Participants produce a final report detailing the findings of their research. A maximum of four credits is allowed. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 194 Special Topics 4 Credits
An advanced Chemistry topic or topics is chosen based on student interest and faculty expertise.

CHE 195 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

CHE 196 Off-Campus Research 4 Credits
An individual research project chosen by the student in consultation with a faculty mentor. The student, with the help of the mentor, design a project to be implemented during a one- or two-semester period or during the summer. Students conduct an appropriate literature search, carry out the research, and submit a written report by the end of each semester. Students may earn up to 4 credits for summer research for a maximum of eight credits. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 197 Independent Study 4 Credits
Students gain an opportunity for to work with a professor on a research project or on an in-depth literature review project during the academic year. Students may earn one or two credits per semester. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 210 Environmental Chemistry with Lab 4 Credits
The cycling of natural chemical species and pollutants in the water, soil and air of our earth system is a major component of our complex ecosystem. In this environmental chemistry course, students develop an understanding of the transport and reactions controlling natural chemical species in our environment, as well as the cycling of pollutants. Students study current issues of water, soil and air pollution, as well as energy production, and how society is working towards reducing the introduction and movement of pollutants through our environment. In the laboratory portion of the class, students investigate the water quality of local water bodies, including the Chester River, as well as conduct hands-on experiments related to the environmental topics studied in class.
Requisites: Pre-req: CHE 120 and CHE 220
Cross-listed as: CHE 210/ENV 210
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

CHE 220 Quantitative Chemical Analysis with Lab 4 Credits
This one-semester course is intended to provide an introduction to analytical methods utilized in chemistry. Both classical and instrumental methods of analysis are considered. A detailed treatment of simple and complex chemical equilibria with particular emphasis on acid-base, oxidation-reduction, and precipitation equilibria is presented as a basis for the classical gravimetric and titrimetric methods. The instrumental techniques include electroanalytical, UV-visible molecular spectroscopy, atomic spectroscopy, and chromatography. Other topics include a review of intermolecular forces and states of matter.
Requisites: Pre-req: CHE 120 ; Coreq: CHE 222
Term(s) Offered: All Terms, All Years
Fees: $50 Lab Fee

CHE 222 Quantitative Chemical Analysis Lab 0 Credits
The Quantitative Chemical Analysis lab course focuses on analytical techniques and data analysis, coupled with CHE 220 (lecture). Instead of emphasizing the end result of chemical synthesis, quantitative data is collected and analyzed throughout the progression of the experiments. Experimental techniques used include colorimetry, titration, gravimetric analysis and pH determination. Students gain experience with precision measurement methods and employ statistical analyses to determine the precision and accuracy of each experiment.
Requisites: Pre-req: CHE 120; Coreq: CHE 220
Term(s) Offered: All Terms, All Years

CHE 235 Art in the Anthropocene 4 Credits
This course brings students into the chemist's lab and artist's studio at turns to offer interdisciplinary insight into the overlap between scientific versus artistic processes of inquiry. Students are taught the chemical processes of various art materials and how to make, harvest, or find their own environmentally friendly materials which are then incorporated into self-designed art projects. The laboratory curriculum asks students to identify environmental hazards of art materials, understand the link of these hazards to related ailments and devastations, and identify sustainable science solutions that avoid use of the hazards. The studio curriculum introduces students to aesthetic and conceptual frameworks that contemporary artists use, and encourage students to develop a distinctive creative voice that considers the meaning of the materials and processes they work with. This course fulfills the distribution requirement for either the Humanities and Fine Arts or the Natural Sciences and Quantitative. Chemistry majors on the non-ACS certified track, Chemistry minors, and Art and Art History majors/minors can count this course as an elective for their major or minor. Non ACS-certified majors can only count this course as for the Fine Arts distribution requirement.
Cross-listed as: ART 235/CHE 235
Term(s) Offered: Other, Non Conforming
Fees: $25 Lab Fee

CHE 240 Chemistry of the Elements with Lab 4 Credits
Chemistry of the Elements is a one-semester course that builds on knowledge acquired in Chemical Principles of Organic Molecules and Quantitative Chemical Analysis. This course covers the properties of all groups of elements in the periodic table with the exception of organic carbon chemistry. It also helps students discover the relationships between elements in different groups and understand the chemical reactions they undergo. The course focuses on the properties and reactions of selected important, essential, but also less commonly covered elements and compounds such as transition metals and organometallic complexes. The course goal is to demonstrate that the study of elements other than carbon is not an isolated branch of chemistry but is relevant in our everyday life as well as to many scientific fields such as pharmacy, medicine, biology, geology, environmental science, and materials science. An essential component of the course is a three-hour laboratory session which introduces students to how inorganic compounds are used in their environmental, biochemical, and industrial contexts. An introduction of green chemistry principles is a driving force in the lab portion of this course. This course is required for Chemistry majors (ACS and non-ACS track) as well as for students on the pre-health professions track. It serves as an elective for Chemistry minors and meets the requirement for the ACS certification as a foundation course in Inorganic Chemistry.
Requisites: Pre or co-req: CHE 120 and CHE 220 ; Coreq: CHE 242
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

CHE 242 Chemisty of the Elements Lab 0 Credits
The Chemistry of the Elements laboratory course applies acquired laboratory skills to real-life applications with a main focus on sustainability and experiments investigating greener ways to utilize chemical elements. Experiments include cleaning up simulated oil spills, recycling lab waste from other laboratory experiments and determining ion concentrations in water samples from the science building. During this course, students use instrumentation such as H-, C-, and P-NMR, UV-Vis, and IR spectroscopy.
Requisites: Coreq: CHE 240
Term(s) Offered: Spring, All Years

CHE 290 Chemistry Internship 4 Credits
Internships are an opportunity for students to work with industries, governmental laboratories and institutes, and outside non-research-based institutions. Students work closely with an on-site supervisor to discover the numerous aspects of the working world. Participants produce a final report detailing the findings of their research. A maximum of four credits is allowed. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 294 Special Topics 4 Credits
An advanced Chemistry topic or topics is chosen based on student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

CHE 295 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

CHE 296 Off-Campus Research 4 Credits
An individual research project chosen by the student in consultation with a faculty mentor. The student, with the help of the mentor, design a project to be implemented during a one- or two-semester period or during the summer. Students conduct an appropriate literature search, carry out the research, and submit a written report by the end of each semester. Students may earn up to 4 credits for summer research for a maximum of eight credits. Graded A-F.
Term(s) Offered: Summer, All Years

CHE 297 Independent Study 4 Credits
Students gain an opportunity for to work with a professor on a research project or on an in-depth literature review project during the academic year. Students may earn one or two credits per semester. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 303 Chem of Biological Compounds with Lab 4 Credits
This course is designed to provide a comprehensive introduction to the structure and function of biological molecules at the molecular level. We explore biomolecular structure (proteins, nucleic acids, carbohydrates, and lipids), fundamental concepts in enzyme reaction mechanisms, and apply these concepts to the breakdown and buildup of biomolecules. Students learn to interpret biochemical data, predict the impact of mutations associated with disease and visualize biomolecular structures with the aid of computer software commonly utilized in the field. Additional topics include protein modeling, metabolism, enzyme engineering and more.
Requisites: Pre-req: CHE 140 and CHE 220
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

CHE 305 Chemical Thermodynamics/Kinetics w/Lab 4 Credits
Thermodynamics is the study of the behavior of matter and the transformation between different forms of energy on a macroscopic scale. Reaction kinetics is the study of the rate at which the macroscopic properties and composition of matter change. These changes can involve either transport properties, such as thermal conductivity, viscosity, and diffusion or chemical kinetics. Some of the chemical kinetics topics covered are rate laws, temperature effects on reaction rates, reaction rate theories, reaction mechanisms, and enzyme catalysis. Applications of chemical thermodynamics and chemical dynamics are drawn from environmental chemistry and biochemistry. Laboratory exercises include determination of thermodynamic properties and kinetics experiments.
Requisites: Pre-req: CHE 120 and CHE 220 . MAT 112; Pre or co-req: PHY 111 or PHY 101
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

CHE 306 Quantum Chem & Spectro with Lab 4 Credits
Quantum chemistry is the application of quantum mechanics to the field of chemistry. Topics included in the discussion of quantum chemistry are the early development of quantum mechanics, quantum mechanical models for molecular vibrations and rotations, and electronic structure of atoms and molecules. Spectroscopy is the study of the interactions of electromagnetic radiation with matter, and is the principal experimental tool used to investigate the predictions made using quantum mechanics. The laboratory exercises include spectroscopy experiments and the use of molecular modeling programs.
Requisites: Pre-req: CHE 120 . CHE 220 . MAT 112; Pre or co-req: PHY 112 or PHY 102
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

CHE 309 Biochemistry with Lab 4 Credits
The chemistry and metabolism of biological molecules. Students learn about the structure, function and metabolism of proteins, carbohydrates, and fats. Thermodynamics and enzyme-mediated catalysis are addressed, with an emphasis on how reaction rates and energetics affect biological processes and pathways. A laboratory is conducted weekly to introduce students to experimental techniques and molecular modeling.
Requisites: Pre-req: BIO 111, BIO 205, CHE 120, CHE 140, AND CHE 220
Cross-listed as: BIO 409/CHE 309
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

CHE 310 Greener & Sustainable Chemistry 4 Credits
In recent years, the importance of sustainable practices in chemistry has gained significant attention due to growing concerns about environmental degradation, resource depletion, and climate change. Green chemistry offers a solution-oriented approach to address these challenges by designing chemical processes and products that prevent pollution before it is created and minimize environmental impacts. Emerging trends in green chemistry research, such as artificial intelligence-driven molecular design, have revolutionized our society and the world of chemistry in the past two years. This revised course focused on systems thinking emphasizes the interdisciplinary nature of green chemistry, highlighting its integration with fields such as environmental science, engineering and technology, biology and biotechnology, economics and policymaking while engaging students in critical discussions on the challenges and opportunities associated with transitioning to global sustainable practices.
Requisites: Pre or co-req: CHE 140
Term(s) Offered: Other, Non Conforming

CHE 320 Introduction to Medicinal Chemistry 4 Credits
This course is designed to provide a comprehensive introduction to the interdisciplinary field of Medicinal Chemistry. This course will pull heavily from ideas in both chemistry and biology and will work at the intersection of both fields. We will focus on how drugs work to treat and prevent disease by working our way through the drug discovery and development pipeline. Students will learn the basics of pharmacology that can then be applied to any class of drug for any given disease. An emphasis on reading and critically evaluating primary literature will help students learn more about the topics in medicinal chemistry that most excite them.
Requisites: Pre-req: CHE 140 and CHE 220
Term(s) Offered: Fall, All Years

CHE 340 Synthesis of Organic Molecules with Lab 4 Credits
Organic Mechanisms and Synthesis delves deeper into the concepts from Reactions of Organic Molecules (CHE 140). In this course, students will learn about modern organic reactions, their mechanisms, and the application of these reactions in organic synthesis. Students will also be exposed to polymer and supramolecular chemistry, with a focus on the synthesis and properties of these compounds and their applications. The laboratory component of this course will provide students the opportunity to learn techniques that are required for the synthesis and characterization of organic, inorganic, and organometallic compounds, as well as, teach students how to think strategically about the chemical reactions needed to complete a chemical synthesis. This course will meet for three hours of lecture and three hours of lab per week.
Requisites: Pre or co-req: CHE 140 . CHE 220
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

CHE 390 Chemistry Internship 4 Credits
Internships are an opportunity for students to work with industries, governmental laboratories and institutes, and outside non-research-based institutions. Students work closely with an on-site supervisor to discover the numerous aspects of the working world. Participants produce a final report detailing the findings of their research. A maximum of four credits is allowed. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 392 Junior Seminar 2 Credits
This seminar course attempts to prepare our Chemistry majors for their future professional career, so they become successful professionals and experts in the chemistry field. This junior seminar course introduces students to professional preparation, scientific literacy proficiency, and research ethics. It is expected that at the end of this course, our majors will 1) understand the variety of career options available to chemists, 2) become proficient at literature searching, reading, and interpreting, and 3) realize the importance of the scientific code of conduct, and 4) improve their understanding of contemporary moral/societal issues in chemistry with an emphasis on sustainability science literacy. Therefore, at the end of this course, the following 4 Cs will have been practiced and mastered: Critical thinking and problem solving, Communication, Collaboration, and Creativity and innovation. Prerequisite: chemistry major and junior status.
Term(s) Offered: Spring, All Years

CHE 394 Special Topics 4 Credits
An advanced Chemistry topic or topics is chosen based on student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

CHE 395 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

CHE 396 Off-Campus Research 4 Credits
An individual research project chosen by the student in consultation with a faculty mentor. The student, with the help of the mentor, design a project to be implemented during a one- or two-semester period or during the summer. Students conduct an appropriate literature search, carry out the research, and submit a written report by the end of each semester. Students may earn up to 4 credits for summer research for a maximum of eight credits. Graded A-F.
Term(s) Offered: Summer, All Years

CHE 397 Independent Study 4 Credits
Students gain an opportunity for to work with a professor on a research project or on an in-depth literature review project during the academic year. Students may earn one or two credits per semester. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 403 Advanced Organic Chemistry with Lab 4 Credits
This course expands upon the topics discussed previously in the three semesters of organic chemistry. Topics that are covered are: Frontier Molecular Orbital (FMO) Theory and how this can be applied to chemical reactivity, Pericyclic Reactions, Linear Free-Energy Relationships, Molecular Rearrangements, Heterocyclic Chemistry, and Organometallic Chemistry. Heavy emphasis is placed on reaction mechanisms and synthesis. Prerequisite: Chemistry 140 and Chemistry 220.
Requisites: Pre-req: CHE 140 and CHE 220
Term(s) Offered: Other, Non Conforming

CHE 410 Fundamentals of Materials Science 4 Credits
All types of materials in transportation, housing, clothing, communication, healthcare, recreation, and food production influence our lives. The development and advancement of societies have been dependent on the ability to use existing materials, produce, manipulate, and select new materials that make our existence more comfortable. This course depicts the relationships between the processing of materials, their structure, and their performance based on their properties, and looks into the design, production, and utilization of these materials. The overall goal of this course is to become familiar with the selection process that scientists and engineers use when designing an appropriate material at a reasonable cost for a particular performance based on processing, characteristics, and structure-property relationship of a material.
Requisites: Pre or co-req: CHE 240
Term(s) Offered: Spring, All Years

CHE 490 Chemistry Internship 4 Credits
Internships are an opportunity for students to work with industries, governmental laboratories and institutes, and outside non-research-based institutions. Students work closely with an on-site supervisor to discover the numerous aspects of the working world. Participants produce a final report detailing the findings of their research. A maximum of four credits is allowed. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 494 Special Topics 4 Credits
An advanced Chemistry topic or topics is chosen based on student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

CHE 495 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

CHE 496 Off-Campus Research 2 Credits
An individual research project chosen by the student in consultation with a faculty mentor. The student, with the help of the mentor, design a project to be implemented during a one- or two-semester period or during the summer. Students conduct an appropriate literature search, carry out the research, and submit a written report by the end of each semester. Students may earn up to 4 credits for summer research for a maximum of eight credits. Graded A-F.
Term(s) Offered: All Terms, All Years

CHE 497 Independent Study 4 Credits
Students gain an opportunity for to work with a professor on a research project or on an in-depth literature review project during the academic year. Students may earn one or two credits per semester. Graded A-F.
Term(s) Offered: All Terms, All Years

Chesapeake Regional Studies (CRS)

CRS 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

CRS 240 The Natural Science of an Estuary 4 Credits
This course is one of four courses that make up the Chesapeake Semester and addresses the natural science of the estuary, including the formation of estuaries, physical oceanography (tides, currents, salinity, etc.), chemical and biological oceanography, and many elements of estuarine ecology. We focus on the ecology and species found in Chesapeake estuarine habitats (salt marsh, mud flats, sandy beaches, etc.), but will also address elements of topical systems (coral reef, mangrove and even tropical rain forest ecology) to support comparative study during our trip to Belize. We will also address some of the more pressing anthropogenic impacts on the estuarine environment including the causes of sea level rise, ocean acidification, nutrient loading and habitat fragmentation and their effects of estuarine habitats and food webs. The course includes critical thinking at all levels, in-class and in-the-field lab exercises designed to reinforce course content and sharpen analytical skills, cooperative work and learning, and cross-disciplinary links with the other three courses of the Chesapeake Semester.
Term(s) Offered: Fall, All Years
Fees: $5,500 Chesapeake Semester Program

CRS 242 The Social Science of an Estuary 4 Credits
The focus of this piece of the semester is to explore the social aspects of the Chesapeake Bay and its watershed, including its people, history, and their complex relationships with one another and the environment. Students will cover a wide range of topics, drawing on the disciplines of anthropology and archaeology, economics, geographic information systems, history, political science and sociology. Students also will explore the ways in which these approaches may be informed by other disciplines, such as those in the humanities and natural sciences. Intersections between disciplines and integrating different kinds of knowledge are essential. A substantial amount of learning will take place in the field, with particular design and focus around the Journey Around the Chesapeake: A Sense of Place and History.
Term(s) Offered: Fall, All Years

CRS 244 Humanities Perspective on the Chesapeake 4 Credits
This section of the Chesapeake Semester offers a humanistic perspective on the Chesapeake Bay. One way to think about this part of the course would be the most familiar: just as you will be exploring the organic life of the Bay from the perspective of the natural and social sciences, so too you will encounter, in both readings, discussions, and your various field experiences, cultural artifacts of the Bay in terms of music, philosophy, the visual arts, and writing. However, to develop any understanding of the Bay, be it scientific or poetic or philosophical or anthropological, the student must learn to see and hear and think and write, as Thoreau puts it, with deeper references. Writing and thinking and creating are also organic endeavors. In this sense, our course is an exploration not just of the humanities of the Bay- arts, ethics, literature, writing-but of the humanistic understanding that you will bring to all the components of the Chesapeake Semester, that you will demonstrate (the expectation) in your final project, and that you will translate (the hope) into your future studies and endeavors beyond this course and the college.
Term(s) Offered: Fall, All Years

CRS 246 Interdisciplinary Study of an Estuary 4 Credits
The Chesapeake Semester is a novel design of integrated experiential learning rooted in Washington College's strong traditions in liberal learning, coupled with its rich historical heritage and natural setting. This course builds upon three additional courses: CRS 242, CRS 240, and CRS 244 and helps to deliver elements of each course curricula in the field, dissolving disciplinary boundaries and making trans-disciplinary connections. Environmental policy and natural resource management are key topics, as students explore the rules and regulations that govern society's use of our most precious resources. Food production and food systems are analyzed as a key but often controversial linkage between environment and society. An additional area of focus for this course is the global nature of the problems that we face in the Chesapeake, using our experiences in Central America as a means to compare and contrast coastal environments around the world. Students will use interdisciplinary tools like the Chesapeake Semester Intersections to help frame these concepts. A substantial amount of learning will take place in the field with particular design and focus around the journey Resources and Regulations of the Chesapeake. Finally, this course will explore the ways in which a fuller understanding of place and people can be used to construct visions for the future, empowering people to take an active role in positively influencing society's impact on the natural world. In doing so, students will learn the elements of becoming student-citizen-leaders, taking on the evolving role as they explore the Chesapeake area's rich culture and environment.
Term(s) Offered: Fall, All Years

CRS 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise.

CRS 296 Archaeological Field Study 4 Credits
An introduction to archaeological fieldwork methods and to the theoretical concerns of anthropological archaeology. includes participation in archaeological survey and excavation as well as lectures, readings, and writing assignments. It typically is a six-week summer program, with a minimum obligation of 20 hours per week. This course is open to all students.
Term(s) Offered: Summer, Odd Years
Fees: $2,600 400 Archeology Summer Program Off Campus Study Fee

CRS 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise.
Term(s) Offered: All Terms, All Years
Fees: $1,800 Williamsburg Program

Chinese (CHN)

CHN 101 Elementary Chinese I 4 Credits
An introduction to Mandarin Chinese, this course offers an integrated approach to basic language skills: listening, speaking, reading, and writing. Class work is supplemented by laboratory periods that include engagement with native language via multimedia sources. Discussion of a graded series of cultural topics promotes students understanding of Chinese life and society and aids language learning. The class will meet three days plus two laboratory periods per week. Please note that this course is NOT appropriate for native speakers of Mandarin.
Term(s) Offered: Fall, All Years

CHN 102 Elementary Chinese II 4 Credits
An introduction to Mandarin Chinese, this course offers an integrated approach to basic language skills: listening, speaking, reading, and writing. Class work is supplemented by laboratory periods that include engagement with native language via multimedia sources. Discussion of a graded series of cultural topics promotes students understanding of Chinese life and society and aids language learning. The class will meet three days plus two laboratory periods per week. Please note that this course is NOT appropriate for native speakers of Mandarin.
Requisites: Pre-req: CHN 101
Term(s) Offered: Spring, All Years

CHN 194 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme.
Term(s) Offered: All Terms, All Years

CHN 197 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC.
Term(s) Offered: All Terms, All Years

CHN 201 Intermediate Chinese I 4 Credits
This course reviews and builds upon language skills acquired in the introductory course to Mandarin Chinese. It offers an integrated approach to basic language skills: listening, speaking, reading, and writing. The class meets three days per week, plus a laboratory period. The laboratory includes engagement with native language via multimedia sources. Graded readings on topics related to Chinese life and society serve as an aid to language learning and provide an introduction to Chinese culture.
Requisites: Pre-req: CHN 102, or placed into CHN 201
Term(s) Offered: Fall, All Years

CHN 202 Intermediate Chinese II 4 Credits
This course reviews and builds upon language skills acquired in the introductory course to Mandarin Chinese. It offers an integrated approach to basic language skills: listening, speaking, reading, and writing. The class meets three days per week, plus a laboratory period. The laboratory includes engagement with native language via multimedia sources. Graded readings on topics related to Chinese life and society serve as an aid to language learning and provide an introduction to Chinese culture.
Requisites: Pre-req: CHN 201 or placed into CHN 202
Term(s) Offered: Spring, All Years

CHN 294 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme.
Term(s) Offered: All Terms, All Years

CHN 297 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC.
Term(s) Offered: All Terms, All Years

CHN 351 Chinese Cinema: Ideology & Box Office 4 Credits
Taught in English. China is a growing producer of and market for the world's films. Chinese cinematography has a long and distinguished history. This course examines that history and how the current state of Chinese film has come to be. The content units deal with several broad topics rooted in some of the fundamental issues of any of the humanistic arts. The overall theme of the course is the tension between Chinese identity and commercial success. Students also explore the creation of proscriptive types in gender and ethnicity, the intersection between politics and film, Globalization and modernity, and the applicability of western theory to the analysis of Chinese film. In addition to regular class periods, there is one mandatory film screening per week which will be listed as an accompanying lab.
Term(s) Offered: Spring, Non Conforming

CHN 375 Study Abroad Portfolio 2 Credits
This tutorial continues the development of specific listening, speaking, reading, writing, and critical thinking skills in the target language while majors pursue their language-immersion study abroad program. Students create a portfolio remotely with frequent consultation and feedback from a faculty advisor. The study abroad portfolio is assessed for progress in the student's language learning skills and personal development.
Term(s) Offered: All Terms, All Years

CHN 394 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme.
Term(s) Offered: All Terms, All Years

CHN 397 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC.
Term(s) Offered: All Terms, All Years

CHN 494 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme.
Term(s) Offered: All Terms, All Years

CHN 497 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC.
Term(s) Offered: Fall, All Years

Communication & Media Studies (CMS)

CMS SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience is an intensive research or creative project on a topic chosen by the student and guided by a faculty mentor. Students typically complete the Capstone in the spring of their senior year. However, planning for the SCE begins in the spring of their junior year with the submission of an SCE application during advising week. The Capstone is graded Pass, Fail, or Honors.
Term(s) Offered: All Terms, All Years

CMS 101 Intro to Communication & Media Studies 4 Credits
This course introduces students to core issues in communication and media studies, examining theories and models of communication, the relationship between media and society, and the histories and trends in newspaper, music, television, film, advertising, and electronic and digital technologies. To accomplish this, the course explores key problems, scholarly paradigms, and theoretical formulations through materials drawn from academic scholarship, the popular press, and multimedia.
Term(s) Offered: All Terms, All Years

CMS 150 Public Speaking 4 Credits
Class presentations, job interviews, internships: pubic speaking is part of our everyday life. This course teaches students the main principles of public speaking; practice in composition, delivery, and criticism of informative, persuasive, and entertaining speeches. Particular attention is paid to speaking with media and public speaking in a digital world.
Term(s) Offered: Other, Non Conforming

CMS 190 CMS Internship 4 Credits
Internships provide opportunities for students to experience hands-on learning in a position or work environment connected to the study of CMS. Students wishing to complete an internship must establish an agreement with a faculty advisor and register for internship credits before beginning their internship. Internships are graded on a Pass/Fail system. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

CMS 191 Introductory Podcasting Practicum 1 Credit
The Communication and Media Studies Practicum at Radio Free George gives students the opportunity to develop hands-on skills in podcasting production. Students who participate will develop original programming that will be distributed through various podcasting platforms. Students are encouraged to think broadly and creatively about the topic/s for your program. No previous podcasting or production experience is required to participate.
Term(s) Offered: All Terms, All Years

CMS 194 Special Topics 4 Credits
Special Topics courses are courses outside of the normal departmental offerings that are chosen based on student interest and faculty expertise. Students may repeat Special Topics courses if they have different titles.
Term(s) Offered: All Terms, All Years

CMS 200 World Cinema I 4 Credits
Understanding contemporary moving image culture and media-from YouTube, to Snapchat, to IMAX-requires a working understanding visual analysis. The history of cinema provides the best way to comprehend and contextualize the moving image in popular culture. This course is a history of world cinema from film dawn to post WWII cinema (roughly 1895-1960) which present the films of this era in a way that understands them as integral works within an historical visual landscape. This course emphasizes understanding filmmaking form (how to watch a movie), aesthetics, and filmmaking techniques, and analyzing content/narrative. Lab required for film screenings.
Term(s) Offered: Spring, Even Years

CMS 201 Contemporary Popular Film & TV 4 Credits
This course teaches students to develop a critical understanding of the role of popular movies and television in their own lives and in U.S. culture. The course looks at issues of the relationship of media to social violence, gender identities, sexual identities, technology, minority cultures, and the role of the U.S. media globally.
Term(s) Offered: Spring, Odd Years

CMS 202 World Cinema II 4 Credits
A continuation of World Cinema I, this course looks at film history roughly from 1960-present, presenting various modes of international cinema production and its contemporary evolution as closely interconnected. Covering the US, the UK, Italy, Czech, Senegal, Algeria, Japan, India, and France, we place an emphasis on hybrids of all these 'national' styles, as well as challenging the politically charged notion of national cinema itself. Secondly, we explore how changes in global contemporary filmmaking evolved the US film industry and helped to challenge Hollywood's global dominance. Thirdly, we trace how new industrial channels exposed regional and 'minor' film industries to global audiences. Lab required for film screenings.
Requisites: Pre or co-req: CMS 200
Term(s) Offered: Other, Non Conforming

CMS 205 Persuasion: The User Experience 4 Credits
This course examines persuasion as a communicative strategy. Attempts at persuasion surround us everywhere: in the advertisements we see, in the messages we receive on social media, in the debates we have over meals, and even in the layout of our grocery stores. Students consider the history of persuasion in mediated and non-mediated contexts and the ways in which technology keeps users clicking, watching, and participating. In addition to practicing critical analysis of persuasive messages, this class encourages the production of original persuasive content that is both effective and ethical.
Term(s) Offered: Other, Non Conforming

CMS 220 Global Media & Technology 4 Credits
This course examines the structures and impacts of global communication networks. We consider the economic, cultural, political, technical, and environmental consequences of increasingly globalized media. We discuss early work in the field of international communications and continue through to contemporary discussions of global media networks. Throughout the semester, we examine how different entities wield power and assert influence in this global media landscape and how digital technologies can be used to both challenge and reaffirm those existing hierarchies.
Term(s) Offered: Other, Non Conforming

CMS 224 Introduction to Journalism 4 Credits
This course will cover the foundations of reporting, writing, fact checking, and editing. Other topics such as the history and ethics of journalism will be discussed.
Term(s) Offered: All Terms, All Years

CMS 250 Intermediate Comm & Media Theory 4 Credits
Theory may seem like a scary word, but theory helps us to make sense of the world. Theories shape how we understand reality, relationships, and the media around us, and aids in creating media of our own. Theory tells us more about how we communicate every day, provides tools for deeper comprehension of our media landscape, and prepares us for lives consciously lived. This course exposes students to the major theories of communication and media studies, their application to the academic and professional inquiry in the field, and their importance in everyday life. The course also teaches students to write in and across the field, and prepares them for upper level critical, analytical, and theoretical based communication and media studies thinking and research.
Requisites: Pre-req: CMS 101
Term(s) Offered: Fall, All Years

CMS 260 Video Editing 4 Credits
This course introduces students to the art and craft of video editing and to the editor's role in bringing stories to life for the audience. A good video editor draws on artistic, technological and organizational skills in cutting and assembling a video that emotionally connects to an audience. Students will acquire and develop these skills using the various tools and techniques of editing during hands-on workshops and in project-based learning. Although other editing software can be used, this course focuses on Davinci Resolve 18, which combines editing, world-class color grading, visual effects, motion graphics and audio post-production all in one software tool. It is free and works on both Windows and MacOS. No previous experience in video production or video editing is required.
Term(s) Offered: Fall, All Years

CMS 261 Video Production 4 Credits
This course introduces students to the major filmmaking disciplines including producing, directing, cinematography, production design, sound and editing. Through workshops there will be hands-on opportunities to develop skills with filmmaking tools including cameras, sound and lighting equipment, and editing software. Students will produce their own videographic workover the course of the semester. Prior experience in production and/or editing is not required.
Term(s) Offered: Spring, All Years

CMS 290 Comm & Media Studies Internship 4 Credits
Internships provide opportunities for students to experience hands-on learning in a position or work environment connected to the study of CMS. Students wishing to complete an internship must establish an agreement with a faculty advisor and register for internship credits before beginning their internship. Internships are graded on a Pass/Fail system. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

CMS 291 Intermediate Podcasting Practicum 1 Credit
The Communication and Media Studies Practicum at Radio Free George gives students the opportunity to develop hands-on skills in podcasting production. Students who participate will develop original programming that will be distributed through various podcasting platforms. Students are encouraged to think broadly and creatively about the topic/s for your program. This intermediate-level practicum requires previous experience in podcast production and/or the completion of CMS 191.
Requisites: Pre-req: CMS 191
Term(s) Offered: All Terms, All Years

CMS 294 Special Topics 4 Credits
Special Topics courses are courses outside of the normal departmental offerings that are chosen based on student interest and faculty expertise. Students may repeat Special Topics courses if they have different titles.
Term(s) Offered: All Terms, All Years

CMS 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

CMS 300 Creative and Information Economies 4 Credits
This course introduces students to the political economic approach to communication and media studies and considers its application to specific media and entertainment industries. To understand media content, media technologies, and the economies built around them, we must look more deeply at the effects commercialization and corporate concentration have on these systems. In this course, we will consider issues like privacy, citizenship, globalization, labor, alternative media, digital media, and the ways in which we construct shared culture through media.
Requisites: Pre-req: CMS 101 or BUS 302
Term(s) Offered: All Terms, Non Conforming

CMS 301 Research Methods in CMS 4 Credits
This course is designed to introduce students to the quantitative and qualitative research methods used to study communication and media. We will focus on critical analysis, evaluation, study design, research ethics, the application of research to everyday decision-making, and what communication and media research can tell us about phenomena in the world around us. This course treats students as CMS practitioners, which means they are expected to participate in the recursive process of scholarly inquiry and apply their skills to formulate research questions, study design, and research implementation.
Requisites: Pre-req: CMS 250
Term(s) Offered: Fall, All Years

CMS 302 Qual& Descrptve Mthds in Social Sciences 4 Credits
This course provides an overview of qualitative and descriptive research methodologies shared across various fields in the social sciences. You will explore the epistemological underpinnings of qualitative and descriptive research, develop an understanding of researcher positionality, learn about ethics as they relate to research with human subjects, and deepen your critical and close reading skills as they apply to understanding methodological decision making in the social sciences. This class will develop your abilities to read academic literature across the social sciences and across methodologies, write a literature review, conduct participant observations, surveys, and interviews, complete qualitative and descriptive data analysis, and write and present a research study. Student researchers will finish the class with the ability to employ a range of theories and methods including: survey development, ethnography, grounded theory, phenomenology, case study, narrative inquiry, content and discourse analysis, social media research, and archival research.
Requisites: Pre-req: CMS 250
Cross-listed as: CMS 302 / EDU 302
Term(s) Offered: Spring, All Years

CMS 315 International Cinema 4 Credits
Study of European film and its history. Special attention is given to the various dimensions of film structure and criticism, with emphasis on foreign language films (with English subtitles). Selected films are viewed and analyzed.
Cross-listed as: Ilc*305/Cms*315
Term(s) Offered: All Terms, All Years

CMS 317 German Cinema (English) 4 Credits
Explores the history and cultural background of German cinema, its topics, forms of representation and relationship to main issues of German history; major themes, movements, and trends, and the construction of identity and difference with special focus on gender. Apart from the historical and narrative context of the films, we will also consider how movies produce meaning and how our perspectives as viewers are guided. While this course is not an introduction to Film Studies, it will give students a general idea how to think and write about film in a critical way. Films are screened outside of class; if students cannot attend the screenings, they must watch the films before the class discussion on their own time.
Cross-listed as: GRS 317 / CMS 317
Term(s) Offered: Spring, Non Conforming

CMS 334 Media and Politics 4 Credits
This course explores the role of the media in politics from various perspectives, providing an overview of the following: the history of media in the United States; the legal issues that relate to the media; the impact that the media has on public opinion; the substance (or lack of substance) of the media's coverage of the news, government and elections; biases of the news media; and the increasing conglomeration of the news media through mergers. Throughout the course, these issue areas will be discussed in a larger context involving questions of freedom, representation, and political participation.
Requisites: Pre-req: POL 102
Cross-listed as: POL 334/CMS 334
Term(s) Offered: Spring, Non Conforming

CMS 338 Narrative Journalism 4 Credits
A study of narrative journalism, what is required to tell a story thoroughly, and how to determine the best form for the story. Narrative journalism blends in-depth reporting and research, investigative journalism, first-person perspective, and narrative writing. Includes reading the genre, researching, reporting, writing, recording, giving constructive criticism, and revising.
Requisites: Pre or co-req: ENG 221
Cross-listed as: ENG 338/CMS 338
Term(s) Offered: Fall, Even Years

CMS 339 History of Journalism Ethics 4 Credits
Traces the history of journalism ethics through challenges to and practices of ethical journalism, as students research, report, present, analyze, write, and revise to demonstrate the knowledge they gain. Topics include yellow journalism, muckraking, new journalism, gonzo journalism, the use of anonymous sources, new new journalism, and fake news.
Requisites: Pre or co-req: ENG 221
Cross-listed as: ENG 339/CMS 339
Term(s) Offered: Spring, Odd Years

CMS 354 Visual Anthropology 4 Credits
The goal of visual anthropology is to immerse students in the study and production of ethnographic media and documentary film. We will begin by exploring the varied genres of historical anthropological documentary which range from salvage ethnography to ethnofiction and include more recent attempts to empower cultures by encouraging them to visually capture their own unique social, political and expressive worldviews. We will also examine and critique other cultural forms of visual media ranging from film and photography to petroglyphs and tattoos. Once we have an understanding of the varied approaches to media production, students will engage in the creative process of developing an idea for an ethnographic film, storyboarding, shooting film, and editing complete ethnographic documentaries.
Cross-listed as: CMS 354/ANT 354
Term(s) Offered: Fall, Even Years

CMS 370 The Harlem Renaissance 4 Credits
This interdisciplinary seminar examines African American literature and intellectual thought of the 1920s and 1930s. Take this course and learn about different conceptualizations of the black aesthetic, and about the impact race, class, and gender had on key figures like Langston Hughes, Zora Neale Hurston, Nella Larsen, and Wallace Thurman.
Cross-listed as: ENG 370/AMS 370/CMS 370
Term(s) Offered: Other, Non Conforming

CMS 390 Comm & Media Studies Internship 4 Credits
Internships provide opportunities for students to experience hands-on learning in a position or work environment connected to the study of CMS. Students wishing to complete an internship must establish an agreement with a faculty advisor and register for internship credits before beginning their internship. Internships are graded on a Pass/Fail system. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

CMS 394 Special Topics 4 Credits
Special Topics courses are courses outside of the normal departmental offerings that are chosen based on student interest and faculty expertise. Students may repeat Special Topics courses if they have different titles.
Term(s) Offered: All Terms, All Years

CMS 397 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student, letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

CMS 401 Film Theory 4 Credits
This course engages with, uses, and challenges various theoretical ideas and approaches to film. Throughout the semester, we address questions such as: What is cinema, and what are film studies? How do we relate to and interact with films? What are the relationships among film and the larger global society? We discuss the historical and cultural context in which particular theories emerged and learn the language of idea-inflected film criticism. Additionally, we look at how film studies have used influenced and theoretical lines of thought such as Marxism, semiotics, formalism, psychoanalysis, poststructuralism, feminism, critical race theory, sexuality studies, queer theory, and critiques of neocolonialism. Class includes screening time.
Term(s) Offered: Other, Non Conforming

CMS 450 Current Issues in CMS 4 Credits
The Senior Seminar fosters rigorous reflection on students' CMS training while exploring continuing debates in the field. This course requires students to critically reflect not only on their research topics, but to provide critical feedback to peers. Students will complete written and oral work in anticipation of and preparation for embarking on their Senior Capstone Experience. Beyond this, students will collaborate to develop an accessible resource on a current topic in the field and spend time preparing for job and/or graduate school applications.
Requisites: Pre-req: CMS 101, CMS 250

CMS 460 Book History & American Print Culture 4 Credits
This course surveys the interdisciplinary field of book history, with an emphasis on American print culture from the nineteenth century to the present. Students explore topics related to the creation, publication, dissemination and reception of American print communication (e.g., books, periodicals, and newspapers). Students also learn and practice advanced research methods used by literary historians and print culture scholars.
Cross-listed as: CMS 460/ENG 460
Term(s) Offered: Other, Odd Years

CMS 490 Comm & Media Studies Internship 4 Credits
Internships provide opportunities for students to experience hands-on learning in a position or work environment connected to the study of CMS. Students wishing to complete an internship must establish an agreement with a faculty advisor and register for internship credits before beginning their internship. Internships are graded on a Pass/Fail system. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

CMS 494 Special Topics 4 Credits
Special Topics courses are courses outside of the normal departmental offerings that are chosen based on student interest and faculty expertise. Students may repeat Special Topics courses if they have different titles.
Term(s) Offered: All Terms, All Years

CMS 497 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student, letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Computer Science (CSI)

CSI SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience in Computer Science can take one of three forms: a senior thesis and oral/poster presentation on a topic in theoretical computer science, a senior programming project with a written exposition and oral/poster presentation, or preparation for, and successful passing of, a technical interview akin to those expected in industry. Each major choosing the thesis option will research and write a senior thesis with the supervision of a faculty member and will make an oral presentation on the thesis at a departmental seminar or present a poster at a departmental poster presentation session. Each major choosing the thesis option should have a thesis topic selected and approved by the end of their junior year. Double majors are often able to combine their thesis from another department to write only one senior thesis. Each major choosing the programming project option will complete the project with the supervision of a faculty member and will also complete a written exposition and make an oral or poster presentation on the project at a departmental seminar. Each major choosing the programming project option should have a project selected and approved by the end of their junior year. The Senior Capstone Experience in computer science is graded as Pass, Fail, or Honors. Students must do a thesis or programming project and make an oral presentation to earn the grade of honors.
Term(s) Offered: All Terms, All Years

CSI 100 Basics of Computing 4 Credits
This course introduces computer programming in a modern, high-level programming language. Objectives include proficiency in the language (including variables, functions, types, flow control, and basic data structures) as well as familiarity with common computer science problem solving strategies. Students will also gain experience in team programming and in program design for practical problem solving. This course counts for distribution but does not count towards the major in computer science.
Term(s) Offered: Other, Non Conforming

CSI 104 Introduction to Game Design 4 Credits
A study of games and game design with a specific focus on building, iterating and breaking down a variety of game and game types. The tools applied in this class can be applied to many types of storytelling and they will be particularly analyzed and applied to board games and video games. A student will gain some experience with and use of at least one digital game platform. Groupwork, discussion, presentation and iterative development are heavily required in this course. This course counts for distribution but does not count towards the major in computer science,
Term(s) Offered: Other, Non Conforming

CSI 111 Computer Science I 4 Credits
The objectives of this course are threefold: to introduce programming concepts and algorithmic development, to teach an object-oriented programming language, and to teach how to design, code, debug and document programs using the techniques of good programming style.
Cross-listed as: CSI 201/CSI 111
Term(s) Offered: All Terms, All Years

CSI 112 Computer Science II 4 Credits
The objectives of this course are twofold: (a) to study data structures, such as stacks, queues, trees, dictionaries, tables, and graphs, their efficiency, and their use in solving computational problems; and (b) to gain proficiency in an object-oriented programming language. Exercises in that language will provide an opportunity to design and implement the data structures.
Requisites: Pre-req: CSI 111, C+ grade or better recommended
Cross-listed as: CSI 202/CSI 112
Term(s) Offered: All Terms, All Years

CSI 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

CSI 195 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

CSI 210 Object Oriented Programming 4 Credits
This course gives a deep understanding of object-oriented design and programming, and the design and coding of applications programs using Java. The use of Java for graphics and graphical user interfaces, multithreading, connectivity with databases and across networks will be covered. Students will be required to design and write a large application for a final course project that incorporates GUIs and a selection of the principles taught.
Requisites: Pre-req: CSI 112
Cross-listed as: CSI 203/CSI 210
Term(s) Offered: Fall, All Years

CSI 220 Data Science 4 Credits
The heart of data science is going from a deluge of numbers to ever-elusive insight. In this introduction we focus on first principles: asking good questions, being aware of our assumptions, and understanding what it means to do good science. Topics include exploratory analysis/descriptive statistics, statistical testing, and data visualization. The course concludes with an introduction to recent data-driven machine learning models. We discuss ethical issues pertaining to data and machine learning throughout the course, using current events and articles as they arise. The course is both math and programming intensive, although in a heavily applied manner.
Requisites: Pre-req: CSI 111
Cross-listed as: CSI 220/MAT 220
Term(s) Offered: Fall, All Years

CSI 230 Applied Decision Analysis 4 Credits
The course comprises an introduction to decision analysis and data-driven decision-making. The instruction includes hands-on experience with developing decision support applications programs. A computational approach will be used to teach and demonstrate the basic principles of descriptive and inferential statistics, linear programming, the design and implementation of databases, and rudimentary differential and integral calculus. With these, students learn how to acquire and clean data, develop models, perform optimization, simulation, statistical testing, goal-seeking and what-if analysis of the models, and will communicate their results in writing and verbally.
Term(s) Offered: Other, Non Conforming

CSI 240 Discrete Mathematics 4 Credits
An introduction to logic, reasoning, and the discrete mathematical structures that are important in computer science. Topics include proposition logic, types of proof, induction and recursion, sets, combinatorics, functions, relations, and graphs.
Requisites: Pre-req: MAT 111 or CSI 111
Cross-listed as: MAT 240/CSI 240
Term(s) Offered: All Terms, All Years

CSI 250 Intro Comp Organization & Architecture 4 Credits
Principles of computer organization and architecture are introduced, including interfacing and communication, register and memory organization, digital logic, representation of data, and introduction to assembly language.
Requisites: Pre-req: CSI 112
Term(s) Offered: Other, Non Conforming

CSI 252 Scientific Modeling & Data Analysis 4 Credits
This course serves as a focused introduction to programming for scientists and engineers. Topics include algorithm development, statistical tests, the fast Fourier transform (FFT), simulating the dynamics of systems represented by coupled ordinary differential equations (e.g. planetary motion via Runge-Kutta methods), numerical integration, root finding, fitting functions to experimental data, and the creation of publication-quality graphics. Students choose and complete an independent research project on a topic related to their major. This course enables students to integrate computation into advanced courses in theoretical and/or experimental science. Programming language: Python.
Requisites: Pre-req: MAT 112 . PHY 112
Cross-listed as: PHY 252/MAT 252/CSI 252
Term(s) Offered: Spring, All Years

CSI 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

CSI 295 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

CSI 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

CSI 310 Database Systems 4 Credits
An introduction to the design and use of databases together with insights into the key issues related to the use of database systems. The course covers the entity relationship model; the hierarchical, network, and relational data models, and their languages; functional dependencies and normal forms; the use of SQL language, and the design and implementation of relational databases using MS ACCESS and MySQL.
Requisites: Pre-req: CSI 111
Cross-listed as: CSI 310/CSI 360
Term(s) Offered: Other, Non Conforming

CSI 320 Theory of Computation 4 Credits
Formal models of computation such as finite state automata, pushdown automata, and Turing machines will be studied along with corresponding formal languages and context-free languages. Uncomputability, including the halting problem, and computational complexity including the classes P and NP and NP-completeness will be studied.
Requisites: Pre-req: CSI 111 and CSI 240
Cross-listed as: CSI 320/CSI 350
Term(s) Offered: Other, Non Conforming

CSI 330 GUI and Mobile Programming 4 Credits
Covers the fundamentals of existing mobile development frameworks, including data storage, the cloud, security, hashing, accessibility and the nature of user interaction. Other topics may include industry standards for GUI and mobile programming such as the model-view-controller framework, XML, and JSON.
Requisites: Pre-req: CSI 210
Term(s) Offered: Other, Non Conforming

CSI 340 Numerical Analysis 4 Credits
This course introduces techniques for approximating solutions to various mathematical problems that are either computationally challenging or impossible to solve via direct methods. Topics to be covered include error analysis, interpolation and extrapolation, numerical differentiation and integration, and iterative methods for solving systems of equations and eigenvalue problems.
Requisites: Pre or co-req: MAT 112
Cross-listed as: MAT 340/CSI 340
Term(s) Offered: Other, Non Conforming

CSI 350 Graph Theory and Combinatorics 4 Credits
This course introduces elementary combinatorial techniques used to enumerate large but finite discrete sets, including some of the following: permutations, the binomial theorem, partitions, bijections, and well-known sequences. It also presents the fundamentals of graph theory: trees, networks, paths and connectivity, matchings, colorings, and optimization algorithms. There is a significant proof-writing component plus computations and opportunities for coding.
Requisites: Pre-req: CSI 240
Cross-listed as: CSI 350/MAT 350
Term(s) Offered: Other, Non Conforming

CSI 360 Machine Learning 4 Credits
This is a class in finding patterns. Machine learning methods fit models to data to build representations of the underlying relationships. These models can then be applied to do tasks like classification, regression, and generation. As an undergraduate-level introductory course we focus on the core ideas and applications of the most important models, such as linear and logistic regression, nearest-neighbor methods, and support vector machines. We will give special emphasis to a variety of new deep learning techniques.
Requisites: Pre-req: CSI 111
Term(s) Offered: Spring, Odd Years

CSI 380 Design & Analysis of Algorithms 4 Credits
The topic of this course is the design of computer algorithms and techniques for analyzing their efficiency and complexity. Types of algorithms include greedy algorithms, divide and conquer algorithms, dynamic programming, searching and sorting.
Requisites: Pre or co-req: CSI 112 and CSI 240
Term(s) Offered: Other, Non Conforming

CSI 390 Computer Science Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

CSI 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

CSI 395 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member a
Term(s) Offered: Summer, Non Conforming

CSI 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

CSI 397 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

CSI 410 Computer Graphics 4 Credits
Introduces the principles of computer graphics, including transformations, viewing and modeling. Other topics may include perspective calculations, memory coherence, z-buffering, texturing, lighting and other fundamentals required to work with emerging graphics systems. Students write programs using a graphics library like OpenGL or DirectX.
Requisites: Pre-req: CSI*112
Term(s) Offered: Other, Non Conforming

CSI 420 Artificial Intelligence 4 Credits
Explores the principles and techniques involved in programming computers to do tasks that usually are thought of as requiring intelligence when done by people. State-space and heuristic search techniques, logic and other knowledgeable representations, and statistical and neural network approaches are applied to problems such as game playing, planning and understanding of natural language, and computer vision.
Requisites: Pre-req: CSI 112 and CSI 240
Cross-listed as: CSI 420/CSI 460
Term(s) Offered: Other, Non Conforming

CSI 430 Operating Systems 4 Credits
Introduction to operating systems including tasking, memory management, process scheduling, file systems, protection, and distributed systems.
Requisites: Pre or co-req: CSI 112
Term(s) Offered: Other, Non Conforming

CSI 440 Computer Networks 4 Credits
This course covers the principles, structure, and operation of computer networks. Emphasis is placed on understanding the protocols and mechanisms used in the Internet, and in local and wide-area networks. Students write application-level programs running on the LINUX or Windows operating systems.
Requisites: Pre or co-req: CSI 112
Cross-listed as: CSI 440/CSI 470
Term(s) Offered: Other, Non Conforming

CSI 450 Data Ethics and Practicum 4 Credits
This course, intended to be taken near the end of the Data Science major, focuses on gaining hands-on experience on real problems. Students select and work a series of data analysis projects in groups. Class time focusses on technical troubleshooting, ethical reflection, and presentations of work. The class seeks to expand students' imagination around their own role as ethical agents in the process of doing data science..
Requisites: Pre-req: MAT 209 . MAT 220 or CSI 220
Term(s) Offered: Spring, Non Conforming

CSI 460 Software Engineering 4 Credits
The topic of this course is the systematic process for creating software products as opposed to simply coding programs. The course covers project and product management, software architecture and design patterns, working in teams and effective communication. The course provides individualized and collaborative experience and a broad understanding of the practical skills necessary to be an effective software engineer in a professional environment.
Requisites: Pre or co-req: CSI 210
Term(s) Offered: Spring, All Years

CSI 470 Computer Networks 4 Credits
this course covers the principles, structure, and operation of computer networks. Emphasis will be placed on understanding the protocols and mechanisms used in the Internet, and in local and wide area networks. The student will write application-level programs running on the LINUX or Windows Operating systems.
Requisites: Pre or co-req: CSI 240 and CSI 250
Cross-listed as: CSI 440/CSI 470
Term(s) Offered: Spring, All Years

CSI 490 Computer Science Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

CSI 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

CSI 495 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, Even Years

CSI 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

CSI 497 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Dance (DAN)

DAN 101 Dance in Culture & Society 4 Credits
Dance in Culture and Society is an introduction to the study of dance in the academy. This survey course introduces students to dance as both an aesthetic and cultural experience. The aim is to present the breadth of the field, specifically where dance happens, the diverse functions it serves, and ways of making meaning of the dance experience. Through movement laboratories, readings, videos, observations, and discussions students explore the dance discipline.
Term(s) Offered: Spring, All Years

DAN 181 Dance Practicum: Crew 1 Credit
This course provides an opportunity for student technicians (lighting/sound/projection operators and backstage crew) of the annual Dance Minor Concert to receive credit for their work. Technicians must participate in technical rehearsals and performances. Specific duties are determined based on the needs of the production; guidelines are available from the instructor. Technicians should expect to devote a total of 20-50 hours over the course of the production. Student technicians will be automatically enrolled (either for credit or as auditors) after their production closes. Practicum courses may be repeated for credit (1,2) credit(s).
Cross-listed as: THE 181/DAN 181
Term(s) Offered: Fall, All Years

DAN 182 Dance Practicum: Performance 2 Credits
This course provides an opportunity for student performers in departmental theatre & dance productions to receive credit for their work. Performers typically must participate in auditions, callbacks, rehearsals, load-in, technical rehearsals, performances, and strike; specific duties are determined based on the needs of each production. Performers should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: Fall, All Years

DAN 183 Dance Practicum: Design 2 Credits
This course provides an opportunity for student designers of departmental theatre & dance productions to receive credit for their work. Designers typically must participate in a production orientation workshop (scenery, props, costumes, lighting, or sound), a design meeting with the departmental faculty, production meetings, load-in, technical rehearsals, and strike; specific duties are determined based on the needs of the production. Designers should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: Fall, All Years

DAN 184 Dance Practicum: Dramaturgy 2 Credits
This course provides an opportunity for student dramaturgs of departmental theatre & dance productions to receive credit for their work. Students in these positions typically must participate in production meetings, rehearsals, load-in, technical rehearsals, and strike; specific duties are determined based on the needs of the production. Students in these positions should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s), and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: Fall, All Years

DAN 185 Dance Practicum: Assistant Stage Mngmt 2 Credits
This course provides an opportunity for student assistant stage managers of departmental theatre productions to receive credit for their work. Assistant stage managers typically must participate in production meetings, rehearsals, load-in, technical rehearsals, performances, and strike; specific duties are determined based on the needs of the production. Assistant stage managers should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: Fall, All Years

DAN 186 Dance Practicum: Choreography 2 Credits
This course provides an opportunity for students to gain experience in creating original choreography for the annual departmental dance concert. Working collaboratively with their dancers, faculty and guest choreographers, concert director, and production personnel will help students develop their choreographic and leadership skills. To enroll, students must complete a Student Choreographer Application. Dance faculty and guest artists will review applications and select the student choreographers. Student choreographers must participate in auditions, weekly rehearsals, works-in-progress showings, technical rehearsals and performances. Choreographers should expect to devote a total of 60-100 hours over the course of the production. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: All Terms, All Years

DAN 187 Dance Practicum: Assistant Directing 2 Credits
This course provides an opportunity for students to gain experience in creating original choreography for the annual departmental dance concert. Working collaboratively with their dancers, faculty and guest choreographers, concert director, and production personnel will help students develop their choreographic and leadership skills. To enroll, students must complete a Student Choreographer Application. Dance faculty and guest artists will review applications and select the student choreographers. Student choreographers must participate in auditions, weekly rehearsals, works-in-progress showings, technical rehearsals and performances. Choreographers should expect to devote a total of 60-100 hours over the course of the production. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: All Terms, All Years

DAN 194 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: Fall, All Years

DAN 212 Beginning Ballet 4 Credits
Beginning Ballet is an introduction to the fundamentals of ballet technique as well as ballet terminology, traditions, and etiquette. Ballet class begins at the ballet barre and progresses to ballet centre adagio, and allegro combinations, all of which emphasize clarity of line, movement efficiency, range of motion, and artistry. Readings, videos, reflective and analytical writing, and live performance contextualize the in-class work.
Term(s) Offered: All Terms, All Years

DAN 227 Beginning Modern Dance 4 Credits
Beginning Modern Dance is an introduction to basic principles of modern dance as a creative art form. Special emphasis is placed on body awareness, alignment, and artistic expression. The class structure includes a full body warm-up, center movement studies, traveling sequences and an extended modern dance phrase made up of both choreography and improvisation. Readings, videos, reflective and analytical writing, and live performance will contextualize the movement practice. 4 credits.
Term(s) Offered: Fall, All Years

DAN 233 Dance Composition 4 Credits
Dance Composition is an introduction to the craft of making dances. It is designed to allow students to experience the process of discovering, creating, and performing original movement. Students utilize choreographic theories and compositional devices to develop solo and small group works. Students are encouraged to create a range of vocabularies. The course emphasizes the development of self-expression, creative inquiry, and critical awareness. Research, writing, and discussion required.
Term(s) Offered: Spring, Even Years

DAN 245 Jazz Dance 4 Credits
Jazz Dance offers an exploration of movement vocabularies of the American dance form Jazz, demonstrating its evolution as both an art form and vehicle for individual and group expression. Emphasis will be placed on rhythm, style, technical development, and self-expression. Students will experience a range of jazz vocabularies including Authentic Jazz Dance (ex. Lindy Hop), Classical Concert Jazz Dance (jazz dance originating at the time of Jack Cole), Musical Theatre Jazz Dance (Broadway), and Contemporary Jazz Dance (ex. Lyrical Jazz and Pop Jazz). Class structure includes isolation techniques, warm-up techniques, coordination techniques, traveling sequences, and an extended jazz dance phrase that integrates and builds upon concepts introduced earlier in class. Articles, videos, reflective and critical writing, and live performance will contextualize the movement practice.
Term(s) Offered: Spring, Even Years

DAN 281 Creative Process 4 Credits
This course gives an overview of major topics in creativity: the pleasures and pitfalls as well as effective strategies to use in creative work. Each week we tackle another issue and explore ways to approach creativity in the broadest sense. At the same time students work on self-directed projects throughout the semester (largely outside of class time), submit weekly progress updates, and periodically share with the class. By the end of the semester students have a range of tools and hands-on experiences to return to again and again in their future creative work. Prerequisite: One course of Studio Art, Music, Theatre, Dance, or Creative Writing, or permission of the instructor.
Requisites: Pre-req: One course of Studio Art, MUS, THE, DAN, or Creative Writing
Cross-listed as: Art 277/MUS 234/THE 233
Term(s) Offered: All Terms, All Years

DAN 285 Advanced Dance Practicum: Stage Mgmt 2 Credits
This course provides an opportunity for student stage managers to receive credit for their work on the annual departmental dance concert. Student dance stage managers must participate in works-in-progress showings, weekly production meetings, technical rehearsals, and performances; dance stage managers are also invited to participate in weekly SM Roundtable discussions with the faculty and other student stage managers. Specific duties are determined based on the needs of the production, but typically include planning & executing concert logistics, creating organizational production documents, calling lighting & sound cues, and working closely with the artistic and production managers to ensure a successful production. Stage managers should expect to devote a total of 60-100 hours over the course of the production, some of which may be during college breaks, weekends, holidays, late evenings, and other unusual times. This course is open to dance minors and non-minors. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Requisites: Pre-req: 100-level THE or DAN practicum or THE 371
Term(s) Offered: All Terms, All Years

DAN 287 Advanced Dance Practicum: Directing 4 Credits
This course provides an opportunity for student directors of departmental theatre & dance productions to receive credit for their work. Students in these positions typically must participate in production meetings, rehearsals, load-in, technical rehearsals, and strike; specific duties are determined based on the needs of the production. Students in these positions should expect to devote a total of 120-200 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor.
Requisites: Pre-req: THE 187, THE 221, THE 321
Term(s) Offered: All Terms, All Years

DAN 294 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: Fall, All Years

DAN 305 Teaching Dance 4 Credits
Research shows that nearly 90% of dancers who stay in the field past college teach at least part time. Introduction to Teaching Dance provides students with the practical and theoretical foundation necessary to teach dance in a studio, school, or community environment. Specific topics vary from semester to semester, but may include philosophies of dance education, kinesthetic & emotional safety, national arts education standards, community engagement, learner-centric lesson planning, pedagogical ethics, educational activism, and other contemporary issues in dance instruction. Through observation, peer teaching practicums, and individual reflection, students will gain experience planning, teaching, and evaluating dance technique classes.
Requisites: Pre-req: DAN 233
Term(s) Offered: Spring, All Years

DAN 312 Intermediate Ballet 4 Credits
Intermediate Ballet is a progression of Beginning Ballet. Special emphasis will be placed on working in optimal alignment, building both strength and flexibility, and negotiating stability and mobility. Intermediate Ballet emphasizes clarity of line, movement efficiency, range of motion, and artistry. Readings, videos, reflective and analytical writing, and live performance will contextualize the in-class work .
Requisites: Pre-req: DAN 212
Cross-listed as: DAN 213/DAN 312
Term(s) Offered: All Terms, All Years

DAN 327 Intermediate Modern Dance 4 Credits
Intermediate Modern Dance is a progression of Beginning Modern Dance. Students work to develop a keen awareness of their bodies in order to build clarity, movement efficiency, grounded-ness, and dynamism. Special emphasis is placed on working in optimal alignment, building both strength and flexibility, and negotiating control and abandon. The focus is on technical development as it relates to inviting forward artistry and physical mastery of the body. Readings, videos, reflective and analytical writing, and live performance will contextualize the movement practice.
Cross-listed as: DAN 228/DAN 327
Term(s) Offered: Spring, All Years

DAN 329 Cuba Music & Culture 4 Credits
Students enrolled in this course will focus on anthropological, ethnomusicological, and ethnochoreological ethnographic fieldwork methods, including participant-observation, ethnographic interviews, performance ethnography, and audio/video documentation techniques. Students will be exposed to both Afro-Cuban religious and Cuban popular expressive forms. They will learn about the interrelatedness of music, dance, visual arts, ritual, and religious beliefs, with contemporary Cuban politics and economics, as well as with Cuban views on nationality, gender, and race. Students will attend/observe both formal and informal music performances, and take music and dance lessons where they will have an opportunity to engage musicians on a one-on-one basis. This course requires at least 10 days of travel to Cuba.
Cross-listed as: ANT 329/MUS 329/DAN 329
Term(s) Offered: Winter, All Years

DAN 375 Arts Administration 4 Credits
This course explores various aspects of leadership, management, and entrepreneurship for the visual and performing arts. Students will learn how arts organizations define themselves, make decisions, and plan for the future. Topics may include: leadership & governance, mission & strategy, program planning & evaluation, intellectual property & contracting, marketing & public relations, and/or budgeting & fundraising. This course has no curricular prerequisite, but requires a baseline interest in and understanding of the arts.
Term(s) Offered: Spring, Odd Years

DAN 381 Dance Portfolio 1 Credit
Dance Portfolio culminates the dance minor. Students submit a digital portfolio of their work for faculty review. Upon declaring a dance minor, students schedule a meeting with the dance minor director to discuss the dance portfolio submission guidelines. Students maintain chronological digital files of their artistic work including choreographic, performance, teaching, and footage and photos. In addition to compiling work samples from class work and outside departmental activities, students will write an Artist Statement, Teaching Philosophy, and Dance Resume. Dance Portfolio is done as an independent study with 4 scheduled meetings with the dance minor director during the spring semester of senior year.
Term(s) Offered: Spring, All Years

DAN 394 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: Fall, All Years

DAN 397 Dance Independent Study 1-4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

DAN 497 Dance Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

Economics (ECN)

ECN SCE Senior Capstone Experience 2-4 Credits
The Economics SCE can be a senior thesis or comprehensive exams. For the thesis, students are required to begin their research and submit a proposal three semesters in advance of graduation. For many students this is in the Spring Semester of their junior year. Students who choose to take the comprehensive exams must pass the microeconomics, macroeconomics, and field exams during their last semester.
Term(s) Offered: All Terms, All Years

ECN 111 Principles of Macroeconomics 4 Credits
An introduction to principles of economic analysis, economic institutions, and issues of economic policy. The course examines factors determining national income, price, and employment levels as well as the international position in the U.S. economy.
Term(s) Offered: All Terms, All Years

ECN 112 Principles of Microeconomics 4 Credits
An introduction to the principles of economic analysis, economic institutions, and issues of economic policy. Principle topics covered include commodity and factor price determination under various market structures, and resource allocation and income distribution through a pricing system.
Term(s) Offered: All Terms, All Years

ECN 190 Economics Internship 1-4 Credits
Term(s) Offered: All Terms, All Years

ECN 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: Other, Non Conforming

ECN 211 Intermediate Macroeconomics 4 Credits
The course reviews the measurement of national income and examines modern and classical theories explaining the determination of national income, employment, price, and growth levels. The role of public policy in influencing the economy is examined.
Requisites: Pre-req: ECN 111
Term(s) Offered: Fall, All Years

ECN 212 Intermediate Microeconomics 4 Credits
The course examines modern and classical theories of demand and supply, and analyzes market equilibrium, general equilibrium, and criteria for welfare maximization.
Requisites: Pre-req: ECN 112
Term(s) Offered: Spring, All Years

ECN 215 Data Analysis I 4 Credits
This course offers an introduction to research design, applied statistical methods, and writing in the discipline. Students study questionnaire design, sample selection, descriptive statistics, and hypothesis testing using a statistical software package, Stata. They also work in groups to design their own online survey and analyze the results. Finally, they learn about communicating and writing their results for both lay audiences and academic journals. Students are encouraged, though not required, to take MAT 109 or BUS 109 prior to taking ECN 215.
Term(s) Offered: Spring, All Years

ECN 290 Economics Internship 1-4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ECN 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: Other, Non Conforming

ECN 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student. The topics covered through independent study vary as dictated by student and faculty interest. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ECN 305 Economic Development 4 Credits
The objective of this course is to introduce students to issues related to developing countries. The topics covered include the measurement of development, poverty, inequality, population growth issues, the role of markets and government, trade theories, and the role of institutions. By the end of the course, students should be familiar with the causes of poverty and poverty alleviation strategies. They will also have a better understanding of the history of development theories and the role of the market and the government in the most current development theories. Finally, students will be able to identify the characteristics of developing countries and the various paths that developing countries have taken in their struggle to alleviate poverty.
Requisites: Pre-req: ECN 111 or ECN 112
Term(s) Offered: Fall, All Years

ECN 307 Labor Economics 4 Credits
This course combines theoretical modeling and basic empirical analysis to study the market for labor. We use models of labor supply and labor demand in different market settings to examine differences in earnings, labor-force participation, and unemployment. We study the effects of education, technological change, information, immigration, and government policies on earnings and employment.
Requisites: Pre-req: ECN 112 and ECN 215, BUS 109, or MAT 109
Term(s) Offered: Other, Non Conforming

ECN 312 Public Finance 4 Credits
An examination of the role of government in a competitive market economy and the effects of tax and expenditure policies at the federal, state, and local levels on the efficient allocation of resources and the distribution of income and wealth. The effects of both market failures and government failures are examined.
Requisites: Pre-req: ECN 111 or ECN 112
Term(s) Offered: Fall, All Years

ECN 314 Money and Banking 4 Credits
An examination of banking institutions, techniques of money management, theories of the demand for money, and the influence of money on economic activity.
Requisites: Pre-req: ECN 111 or ECN 112
Term(s) Offered: Other, Non Conforming

ECN 317 Environmental Economics 4 Credits
This course is a survey of the application of economic analysis to environmental problems. Analysis will focus on: policy options available to lawmakers and citizens, methods for assigning value to the environment, and air and water pollution and the laws meant to control these problems.
Requisites: Pre-req: ECN 112 or ENV 117
Cross-listed as: ECN 317/ENV 317
Term(s) Offered: Fall, Odd Years

ECN 318 Natural Resource Economics 4 Credits
This course surveys the economic theory behind, and the management of, renewable and non-renewable resources including fisheries, minerals, timber, water, and biodiversity. Analysis of management options is at the local, regional, and national levels. Analysis includes trade-offs of policies and the effect of property rights on resource use.
Requisites: Pre-req: ECN 112 or ECN 117
Cross-listed as: ECN 318/ENV 318
Term(s) Offered: Other, Even Years

ECN 320 Econometrics 4 Credits
This course introduces the statistical tools that economists use to test and quantify their theories. Regression analysis is used to evaluate relationships between economic variables. The results are interpreted with the help of concepts like causality and significance.
Requisites: Pre-req: ECN 111 or ECN 112 and ECN 215, MAT 109 or BUS 109
Term(s) Offered: Spring, All Years

ECN 327 Washington Center Internship 12 Credits
A full-time, semester-long internship in Washington, DC, with a federal agency, non-profit organization, or private firm. Depending upon interest and internship placement, students may attend hearings, conduct policy research, draft correspondence, monitor legislation, lobby members of Congress, or write analytical reports. Students will create an in-depth portfolio of their internship experience. 12 credits. This course is normally open to only juniors and seniors.
Term(s) Offered: All Terms, All Years

ECN 328 Washington Center Seminar 3 Credits
Washington Center Interns participate in evening seminar selected from a variety of topics offered during the semester. Students engage in class discussion and may also research seminar topics, prepare written assignments, and take examinations. Required of and limited to students enrolled in ECN 327. Three credits.
Term(s) Offered: All Terms, All Years

ECN 329 Washington Center Forum 1 Credit
Washington Center Interns participate in lectures, site visits, small group discussions, briefings, and other required events designed to help them understand the connection between their academic and professional goals and the special educational opportunities available through living and working in Washington, DC. Evaluations of these experiences are included in the student portfolio. Required of and limited to students enrolled in ECN 327. One credit.
Term(s) Offered: All Terms, All Years

ECN 351 Behavioral Economics 4 Credits
This course provides a survey of topics in microeconomics through the lens of experimental and behavioral economics. While learning about important economic phenomena (such as the effects of incentives, institutions, and behavior on economic outcomes) students discover experimental evidence that suggests several violations of the standard model of rational decision making. They then explore some newer models that have evolved to account for these violations. Topics include decision making under certainty and uncertainty, risk and time preferences, fairness and reciprocity, charitable giving, reference dependence, bounded rationality, and neuroeconomics, among others.
Term(s) Offered: Other, Non Conforming

ECN 361 Information Economics 4 Credits
In this class, we examine the importance of information for decision making and economic interaction. We discuss the institutional arrangements and policies that have arisen as a response to missing and imperfect information. We use tools from game theory, contract theory, and decision sciences to formalize our analysis; and explore their applicability through in-class experiments. Examples include: pre-existing medical conditions and health insurance; imperfect information about product quality and arrangements like warranties and reputation building; unobservable effort by workers and various incentive schemes like franchising and profit sharing; and applications to corporate finance and financial markets
Requisites: Pre-req: ECN 112
Term(s) Offered: Other, Non Conforming

ECN 390 Economics Internship 1-4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ECN 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: Other, Non Conforming

ECN 410 International Trade 4 Credits
The principles that govern world trade and investment and the factors that determine the direction of international trade is discussed. The gains from trade, the basis for trade, and the arguments for and against protection will be examined. The effects of various policies that obstruct the free flow of trade will be analyzed. The influence of international trade on economic development is studied within the contexts of both developed and developing economies. In addition, the regional and international organizations that are designed to influence or promote the orderly functioning of the international trading system are be described.
Requisites: Pre-req: ECN 111 and ECN 112
Term(s) Offered: Fall, All Years

ECN 411 International Finance 4 Credits
The course examines foreign exchange markets, the concept of the balance of payments, and exchange rate determination. The cases for fixed and flexible exchange rates are presented. The various mechanisms for achieving domestic and international equilibrium and stability, in terms of employment, prices, and growth, are discussed. The evolution of the international monetary system and current international economic problems are analyzed.
Requisites: Pre-req: ECN 111 and ECN 112
Term(s) Offered: Spring, All Years

ECN 490 Economics Internship 1-4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ECN 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: Other, Non Conforming

ECN 497 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student. The topics covered through independent study vary as dictated by student and faculty interest. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Education (EDU)

EDU SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience for Human Development majors seeking teacher certification includes the preparation and public presentation of a professional teaching portfolio, including an independent action research project. Human Development majors selecting the non-certification route complete and present an interdisciplinary, independent research study based on field work, which is generally in the form of a thesis.
Requisites: Pre-req: EDU 305
Term(s) Offered: All Terms, All Years

EDU 115 Environmental Ed Clinical Field Exp 1 Credit
This one-credit fieldwork course consists of a minimum of 20 hours of off-campus supervised experiences with organizations that emphasize the overlap between the environment and education. Students observe, reflect upon, and participate in outreach and education duties at a local park, nature center, outdoor school, or other environmental agency.
Cross-listed as: ENV 115/EDU 115
Term(s) Offered: Fall, All Years

EDU 117 Museum, Field, Comm Ed Experience 1 Credit
This course is designed to introduce the tenets of museum education, to expose students to careers and experiences in museum education, to highlight the importance of outreach, engagement, and equity, and to encourage students to actively and meaningfully reflect on their experiences. Students connect with professionals in the field and learn what it means to be an informal educator, focusing on the four common elements of educating: the educator, the audience, the content, and the context.
Requisites: Pre or co-req: EDU 252 or EDU 341
Term(s) Offered: All Terms, All Years

EDU 121 Coaching Field Experience 1 Credit
This one-credit fieldwork course consists of a minimum of 20 hours of off-campus supervised experiences in a school or educational facility with a professional in the field of coaching or physical education. Students will observe, reflect upon, and participate in activities within a physical education classroom or coaching space.
Term(s) Offered: All Terms, All Years

EDU 190 Education Internship 4 Credits
A two or three credit experience with area educational partners to develop skills related to future professional work in education. 45 hours required per credit.
Term(s) Offered: Other, Non Conforming

EDU 194 Special Topics 1 Credit
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

EDU 211 Clinical Field Experiences I 1 Credit
This 1-credit course consists of off-campus supervised field experiences in a placement related to student personal and professional goals for careers in education. For teacher candidates, these take place in a partner school classroom. Associated coursework focuses on understanding the learning environment and includes observations of teachers, students, subject matter, and context.
Term(s) Offered: All Terms, All Years

EDU 212 Clinical Field Experiences II 1 Credit
This 1-credit course consists of off-campus supervised field experiences in a placement related to student personal and professional goals for careers in education. For teacher candidates, these take place in a partner school classroom. Associated coursework focuses on observing and reflecting on individual learners, learner development, and learning differences.
Term(s) Offered: All Terms, All Years

EDU 213 Clinical Field Experiences-Elementary 1 Credit
This four-part course consists of off-campus supervised field experiences, including experience with special education students. For teacher candidates, these take place in a partner school classroom. (1 credit each)
Term(s) Offered: All Terms, All Years

EDU 214 Clinical Field Experiences-Elementary 1 Credit
This four-part course consists of off-campus supervised field experiences, including experience with special education students. For teacher candidates, these take place in a partner school classroom. (1 credit each)
Term(s) Offered: Spring, All Years

EDU 215 Clinical Field Experience-Alternative 2 Credits
This course is designed for Human Development majors and students in Education Certification programs who participate in the international teaching experience. Students are responsible for planning, implementing, and assessing lessons as well as participating in the school community.
Term(s) Offered: Other, Non Conforming

EDU 216 Clinical Field Experience - Secundary 1 Credit
This two-part course consists of off-campus supervised field experiences, including experiences with special needs students. For teacher candidates, these take place in a partner school classroom. (1 credit each)
Term(s) Offered: All Terms, All Years

EDU 217 Clinical Field Experience - Secundary 1 Credit
This two-part course consists of off-campus supervised field experiences, including experiences with special needs students. For teacher candidates, these take place in a partner school classroom. (1 credit each)
Requisites: Pre-req: EDU 216
Term(s) Offered: All Terms, All Years

EDU 218 Clinical Field Exper - Human Development 1 Credit
This two-part course consists of off-campus supervised field experiences. Field work opportunities may also include alternative experiences studying related educational personnel. (1 credit each)
Term(s) Offered: All Terms, All Years

EDU 219 Clinical Field Exper - Human Development 1 Credit
This two-part course consists of off-campus supervised field experiences. Field work opportunities may also include alternative experiences studying related educational personnel. (1 credit each)
Term(s) Offered: All Terms, All Years

EDU 251 Principles of Education 4 Credits
A general summary of the field of education. The historical, philosophical, and sociological foundations of education will be surveyed; contemporary education in the United States will be examined.
Term(s) Offered: All Terms, All Years

EDU 252 Educational Psychology 4 Credits
A general summary of theories of education psychology. Aspects of evaluation, individual differences, and psychological adjustments that are relevant to education and applicable to classroom practices will be examined.
Term(s) Offered: Spring, All Years

EDU 290 Education For-Credit Internship 2-3 Credits
A two or three credit experience with area educational partners to develop skills related to future professional work in education. 45 hours required per credit.
Term(s) Offered: All Terms, All Years

EDU 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

EDU 297 Independent Study 4 Credits
An Agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

EDU 302 Qual& Descrptve Mthds in Social Sciences 4 Credits
This course provides an overview of qualitative and descriptive research methodologies shared across various fields in the social sciences. You will explore the epistemological underpinnings of qualitative and descriptive research, develop an understanding of researcher positionality, learn about ethics as they relate to research with human subjects, and deepen your critical and close reading skills as they apply to understanding methodological decision making in the social sciences. This class will develop your abilities to read academic literature across the social sciences and across methodologies, write a literature review, conduct participant observations, surveys, and interviews, complete qualitative and descriptive data analysis, and write and present a research study. Student researchers will finish the class with the ability to employ a range of theories and methods including: survey development, ethnography, grounded theory, phenomenology, case study, narrative inquiry, content and discourse analysis, social media research, and archival research.
Requisites: Pre or co-req: EDU*251 and EDU*252
Cross-listed as: CMS 302 / EDU 302
Term(s) Offered: Spring, All Years

EDU 303 Comparative Education 4 Credits
A study of the educational systems of various nations. Social, political, and economic influences upon educational practice and theory are considered. Students are introduced to the origins and development of the field of comparative and international education and explore how both scholars and educational policymakers have engaged some of the debates that characterize research in education around the world.
Term(s) Offered: Other, Non Conforming

EDU 305 Qualitative Inquiry in Education 4 Credits
This course offers an overview of qualitative research methods and an introduction to action research within the field of education. Course participants are asked to develop their epistemological framing of a research project, cultivate an understanding of researcher positionality and ethics, and further their engagement in critical inquiry through a qualitative lens. The class developes students' abilities to conduct participant observations and interviews; write a literature review; carry out qualitative data analyses; and write and present from a research study.
Requisites: Pre or co-req: EDU 251 and EDU 252
Term(s) Offered: Spring, All Years

EDU 307 Literacy in the Content Area 4 Credits
Literacy in the Content Area is designed to prepare pre-service educators to develop in diverse students the literacy skills and concepts necessary for learning across content areas. Discussions of best-practice research and theory are intended to provide future educators with the knowledge, skills, and dispositions to identify learners' literacy needs and teach to a variety of needs. This is an MSDE-approved literacy course and meets Maryland Literacy I and II Secondary Requirements (together with EDU 401 & EDU 404).
Requisites: Pre or co-req: EDU 251 and EDU 252
Term(s) Offered: Spring, All Years

EDU 311 Human Geography 4 Credits
The course examines the relationships between the physical environment, population, and culture in the evolution of global regions.
Term(s) Offered: Spring, Even Years

EDU 315 Traditional & Modern Grammar 4 Credits
This course examines the traditional grammar structures (including words and the elements of sentences) that have been the foundation of clear communication in English, giving students a common language to discuss the ethics of the idea of Standard English. Students explore the ever-changing language of English, what it takes to change accepted usage, and the linguistic controversies of today's America. This course fulfills the MSDE Grammar requirement for secondary English interns.
Term(s) Offered: Spring, Odd Years

EDU 318 Cultural and Linguistic Diversity in Ed 4 Credits
This course is an examination of contemporary cultural and linguistic diversity within the United States educational environments. Special attention is given to cultural problems and issues that influence opportunities and performance in educational institutions. The basic premise of the course is that teachers play an important role in creating a positive classroom learning environment and bringing school success, especially for English language learners. Students develop understandings of the impact of culture, cultural diversity, immigration, migration, colonialism, and power on language policy and on students currently learning English as a second language.
Cross-listed as: EDU 318/ILC 318
Term(s) Offered: Fall, Odd Years

EDU 330 Diversity & Inclusion 4 Credits
Students learn : a) to understand the nature and range of special needs among pupils in today's public schools; b) to differentiate instruction to meet the special needs of students in our multicultural society; c) to interpret and implement an Individualized Educational Program; and d) to use a range of support services available to students and teachers.
Requisites: Pre or co-req: EDU 251 and EDU 252
Term(s) Offered: Fall, All Years

EDU 341 Designing&Measuring Learning Experience 4 Credits
This course prepares educators in schools, museums, and other learning contexts to make decisions about how to best design learning experiences for different student audiences and how to evaluate the success of those designs. We will discuss learning priorities, teaching objectives, curriculum scope and sequence, and planning and organization. As individuals, small groups, and in collaboration with the community, we will design and implement a diverse array of learning experiences including individual classroom lessons, semester-long units, one-day special events and field trip opportunities, and museum exhibits and other public teaching displays. We will also figure out the how to understand whether all that planning has worked to achieve learning goals by exploring best practices in assessment and evaluation. Emphasis will be placed on the process of curriculum and program development and assessment, rather than on the implementation and measurement of given curriculum.
Term(s) Offered: Spring, All Years

EDU 351 Processes & Acquisition of Reading 4 Credits
An investigation of research explaining the relationship between language acquisition and reading development, the interactive nature of the reading process, and the interrelationship of reading and writing. Topics include assessing the stages of literacy development from emergent literacy through fluency in the language arts processes of speaking, listening, reading, and writing and applying corresponding instructional strategies. This is a Maryland-approved reading course.
Requisites: Pre or co-req: EDU 251 and EDU 252
Term(s) Offered: Fall, All Years

EDU 352 Reading Instruction and Assessment 4 Credits
Students demonstrate mastery of instructional strategies used to make educational decisions in a balanced literacy program including developmentally appropriate word recognition and comprehension strategies. Students evaluate, use, and interpret a variety of assessment techniques and processes, local, state, and national instruments. The co-requisite clinical field experience requires the student to plan, implement, and evaluate developmentally appropriate reading and language arts instruction and evaluation in a partner school classroom. This is a MSDE-approved reading course. Prerequisites: EDU 351 and passing score of Praxis Core.
Requisites: Pre or co-req: EDU 351
Term(s) Offered: Spring, All Years

EDU 354 Children's & Young Adult Literature 4 Credits
This course involves the reading and study of literary texts by notable authors, with children and young adults as the major audience. Students explore literary elements, evaluation criteria, fiction, non-fiction, poetry, literature response in print media and the arts, classics, and contemporary works. This course provides opportunities to examine various forms of communication and interpretation, implementation of technology, and divergent thinking in order to assist those interested in children's and young adult literature to become more reflective and effective communicators. This is an MSDE-approved reading course.
Cross-listed as: ENG 342/EDU 354
Term(s) Offered: Spring, All Years

EDU 374 Museum, Field & Comm. EDU Internship 2 Credits
This course is designed as a culminating experience for the Museum, Field, and Community Education Minor. Students work with a professional in the field, at a local community institution for informal education, or at a Washington College Center for Excellence, to synthesize their content knowledge and skills and apply them beyond the classroom, creating educational materials that can be used by the community partner in the future. While the course is governed by a standard set of objectives and themes, readings and assignments are individualized based on students' majors and areas of professional interest and the needs and goals at their placement site. Students attend their placement for a minimum of 30 hours over the course of the semester; some visits must include working with learners and/or educational materials. Students may also complete outreach/education tasks with supervision.
Requisites: Pre or co-req: EDU 252 and EDU 341
Term(s) Offered: All Terms, All Years

EDU 376 Coaching Internship 2 Credits
The two-credit internship is designed as a culminating experience for students in the proposed Coaching Minor. Students will be placed with a local partner in physical education, coaching, or other wellness instruction based on their area of experience and interest, including but not limited to public or private school teams and physical education classrooms, youth sports organizations, yoga / Pilates / dance instructors, college athletics, or related athletics orwellness professionals. Working with a professional in the field, students will synthesize their knowledge and skills and apply them beyond the classroom, taking on instructional roles with individuals and groups to create a program of study or a series of skills-based activities. Students are to spend a minimum of 40 hours over the course of the semester working with the community partner; there are no regular in-class meetings, but students will communicate regularly with the course instructor.
Requisites: Pre or co-req: EDU 252
Term(s) Offered: All Terms, All Years

EDU 390 Education Internship 4 Credits
A two or three credit experience with area educational partners to develop skills related to future professional work in education. 45 hours required per credit.
Term(s) Offered: All Terms, All Years

EDU 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

EDU 395 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

EDU 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

EDU 397 Independent Study 4 Credits
An Agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

EDU 401 Principles of Teaching I: Secondary 4 Credits
An exploration of the art and science of teaching and a study of curriculum. Course content, teaching methods, planning, instructional technology, as well as observation and performance of varied teaching techniques are combined to prepare prospective teachers for their student teaching. EDU 401 and EDU 404 in combination comprise an MSDE-approved reading course.
Requisites: Coreq: EDU 405
Term(s) Offered: Fall, All Years

EDU 403 Special Methods in the Teaching Field 4 Credits
A course concentrating upon the specific teaching field of the student. Examines objectives and the nature and place of the academic discipline in secondary school, with emphasis placed on methods and materials for teaching that discipline in light of the changing demands of 21st century education.
Requisites: Pre or co-req: EDU 405
Term(s) Offered: Fall, All Years

EDU 404 Secondary Teaching Internship 2 Credits
The first of a two-semester internship, EDU 404 requires the teacher candidate to begin to show proficiency in a partner school classroom. Teacher candidates also participate in evening seminars that supplement their partner school classroom experiences. Two credits.
Requisites: Pre or co-req: EDU 251 and EDU 252
Term(s) Offered: Spring, All Years

EDU 405 Secondary Teaching Internship 8 Credits
The second of a two-semester internship, EDU 405 represents the culmination of the professional development of the teacher candidate. The teacher candidate is required to demonstrate increasing responsibility for planning, assessing, and evaluating instructional effectiveness in a partner school classroom. Teacher candidates also participate in weekly seminars held on campus. 8 credits. Laboratory fee.
Requisites: Pre or co-req: EDU 404
Term(s) Offered: Fall, All Years
Fees: $200 Student Teaching Fee

EDU 406 Seminar in Peer Tutoring 4 Credits
This seminar explores current research and theory on the writing process and prepares students for potential work as Peer Consultants in the college Writing Center. Over the semester, students develop rhetorical knowledge and critical strategies for working with other writers and their texts. To be considered for the seminar, students must submit faculty recommendations and a writing sample and complete an interview with the Director of the Writing Center. Students from all disciplines may apply.
Term(s) Offered: Spring, All Years

EDU 411 Curriculum & Instruction: Math & Sci 4 Credits
This course examines the mathematics and science concepts, curriculum, methods and materials used for effective instruction in mathematics and science in the elementary school. The focus is on the development of strategies for active learning that help children construct a meaningful understanding of mathematics and science.
Requisites: Pre or co-req: EDU 351 and EDU 352 . EDU 413
Term(s) Offered: Fall, All Years

EDU 412 Curr &instr: Language Arts & Soc Studies 4 Credits
Teachers of social studies should possess the knowledge, capabilities and dispositions to organize and provide instruction at the appropriate school level for the study of the ten social studies content themes as identified by the National Council for the Social Studies. This course provides the teacher candidate with some of the organizational tools and instructional strategies needed to conduct classroom instruction in social studies and in the language arts, primarily writing.
Requisites: Pre or co-req: EDU 351 and EDU 352 . EDU 413
Term(s) Offered: Fall, All Years

EDU 413 Elementary Teaching Internship 4 Credits
The first of a two-semester internship, EDU 413 requires the teacher candidate to begin to show proficiency in a partner school classroom. Teacher candidates also participate in weekly seminars held on campus.
Requisites: Pre or co-req: EDU 351 and EDU 352
Term(s) Offered: Fall, All Years
Fees: $200 Student Teaching Fee

EDU 414 Elementary Teaching Internship 12 Credits
The second of a two-semester internship, EDU 414 represents the culmination of the professional development of the teacher candidate. The teacher candidate is required to demonstrate increasing responsibility for assessing, planning, and evaluating instructional effectiveness in a partner school classroom. Teacher candidates also participate in weekly seminars held on campus. 12 credits. Laboratory fee.
Requisites: Pre or co-req: EDU 413
Term(s) Offered: Spring, All Years

EDU 490 Education Internship 4 Credits
A two or three credit experience with area educational partners to develop skills related to future professional work in education. 45 hours required per credit.
Term(s) Offered: All Terms, All Years

EDU 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

EDU 497 Independent Study 4 Credits
An Agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

English (ENG)

ENG SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience (SCE) in English is an opportunity for English majors to bring their research and interpretive abilities, their writing skills, and their understanding of the literary tradition to bear on a long-term, independent project in the form of an essay and annotated bibliography that serves as the culmination of their literary studies at Washington College. The SCE for English majors exemplifies each student's accumulated knowledge and mastery of literary analysis, developed under the mentorship of a departmental professor who challenges and guides you through the process. SCE preparation begins in Junior Seminar, where you develop the necessary skills for choosing a topic, articulating your ideas in an abstract, exploring the field in a proposal, summarizing researching through an annotated bibliography, and writing a 25-30 page essay. Upon completion of your SCE, you present your research and ideas in the English Thesis Lightning Talks.
Term(s) Offered: All Terms, All Years

ENG 101 Literature and Composition 4 Credits
This course is intended to develop the student's capacity for intelligent reading, critical analysis, and writing through the study of literature. There are frequent writing assignments, as well as individual conferences on the student's writing.
Term(s) Offered: All Terms, All Years

ENG 103 Introduction to Creative Writing 4 Credits
A workshop introducing new writers to several forms of creative writing, including poetry, fiction, and nonfiction. Students use classic and contemporary literature as models for their own efforts. Counts for Creative Writing minor, Journalism, Editing & Publishing minor, W2 requirement.
Term(s) Offered: All Terms, All Years

ENG 190 English Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ENG 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ENG 201 The Art of Rhetoric 4 Credits
Students study and develop the rhetorical knowledge readers and writers use to generate persuasive critical analysis and compelling expository prose in any discipline or field of inquiry. Topics chosen by the instructor (for example: the rhetoric of documentary, the rhetoric of science, the rhetoric of identity) explore the ways writers, artists, and thinkers use rhetoric to communicate in a range of circumstances and texts, both print and multimedia, literary and multidisciplinary. Guided by readings in classical elements of rhetorical study (the 5 canons of rhetoric, rhetorical tropes and figures) students develop knowledge of writing process and effective style; attention is also given to the oratorical delivery of composition in the form of speech and/or multimedia presentation. The guiding principle of the course is emulative: while students read and critique various models of rhetorical knowledge evident in the course texts, they also apply that knowledge to the texts they generate as writers.
Term(s) Offered: Spring, All Years

ENG 205 Shakespeare I 4 Credits
This course examines some of Shakespeare's best known earlier plays (those written before the death of Queen Elizabeth in 1603) both in the context of early modern English culture and as play scripts/performances. Using films and live productions it considers the plays as they have been and could be interpreted for performance. This class examines a number of these exciting works through a variety of lenses from gender to performance history.
Cross-listed as: THE 205/ENG 205
Term(s) Offered: Fall, All Years

ENG 206 Shakespeare II 4 Credits
This course examines some of Shakespeare's best known later plays (those written after the death of Queen Elizabeth in 1603) both in the context of early modern English culture and as play scripts/performances. Shakespeare's later plays are complicated portraits of people and societies going through incredible change. This class examines a number of these exciting works through a variety of lenses from gender to performance history.
Cross-listed as: ENG 206/THE 206
Term(s) Offered: Spring, All Years

ENG 207 British Literature & Culture I 4 Credits
This course offers a survey of literature written in English between 700 and 1688, a timeframe that spans the evolution of Old, Middle, and Early Modern Englishes. Our reading focuses on major texts and authors, ranging from Caedmon and Chaucer to Margery Kempe and Shakespeare, and analyzes them in the context of their historical moment and aesthetic movements. Counts for Humanities distribution and the Medieval and Early Modern Studies Minor.
Term(s) Offered: Fall, All Years

ENG 208 British Literature & Culture II 4 Credits
This course offers a survey of literature written in English between 1688 and 1892, a timeframe that spans what scholars have retrospectively identified as four periods of literary activity: the Restoration, the Eighteenth Century, Romanticism, and the Victorian age. Our reading focuses on major texts and authors, and analyzes them in the context of their historical moment and aesthetic movements. In particular, we focus on the role that literature played in both representing and influencing the periods' barrage of social changes. For it is during this time that technology first made print cheaply reproducible, and the subsequent increase in literacy rates produced a new mass audience eager to consume newspapers, magazines, and the new prose genre of the novel.
Term(s) Offered: Spring, All Years

ENG 209 Introduction to American Culture I 4 Credits
Taught in the fall semester, the course is concerned with the establishment of American Literature as a school subject. Texts that have achieved the status of classics of American Literature, such as Hawthorne's The Scarlet Letter, Thoreau's Walden, and Mark Twain's The Adventures of Huckleberry Finn, are read in the context of the history and politics of their achieving this status. Texts traditionally excluded from the canon of American literature, in particular early Hispano- and Franco-American texts, are considered in the context of their relative marginality to the project of establishing American Literature as worthy of being taught and studied in the American academy. Other-than-written materials, such as modern cinematic representations of the period of exploration and colonization of North America, as well as British colonial portraits and history paintings, are studied for how they reflect on claims for the cultural independence of early America. Other-than-American materials, such as late medieval and early Renaissance Flemish and Hispanic still lifes, as well as the works of nineteenth-century European romantic poets and prose writers, are sampled for how they reflect on claims for the exceptional character of American culture. Counts for the American Studies major and Humanities distribution.
Cross-listed as: AMS 209/ENG 209
Term(s) Offered: Fall, All Years

ENG 210 Introduction to American Culture II 4 Credits
Taught in the spring semester, the course is concerned with the establishment of American Studies as a curriculum in post-World War II American colleges and universities. Readings include a variety of written texts, including those not traditionally considered literary, as well as a variety of other-than-written materials, including popular cultural ones, in accordance with the original commitment of American Studies to curricular innovation. Introductions to the modern phenomena of race, gender, sexual orientation, generation, and class in the U.S. culture are included. A comparatist perspective on the influence of American culture internationally and a review of the international American Studies movement in foreign universities is also introduced.
Cross-listed as: ENG 210/AMS 210
Term(s) Offered: Spring, All Years

ENG 213 African Am Literature & Culture I 4 Credits
This course is a survey of African American literature produced from the late 1700s to the present. It is designed to introduce students to the key writers, texts, themes, conventions, and tropes that have shaped the African American literary tradition. Authors studied may include Frederick Douglass, Zora Neale Hurston, Ralph Ellison, Gwendolyn Brooks, Toni Morrison and Walter Mosley. Counts for American Studies major, Black Studies minor, Communication and Media Studies major, and Humanities distribution.
Cross-listed as: ENG 213/AMS 213
Term(s) Offered: Fall, All Years

ENG 214 African Am Lit & Culture II 4 Credits
This course surveys African American authors from the Harlem Renaissance to the present. It is designed to expose students to the writers, texts, themes, and literary conventions that have shaped the African American literary canon since the Harlem Renaissance. Authors studied in this course include Zora Neale Hurston, Richard Wright, Ralph Ellison, Gwendolyn Brooks, James Baldwin, and Toni Morrison. Counts for American Studies major, Black Studies minor, Communication and Media Studies major, and Humanities distribution.
Cross-listed as: ENG 214/AMS 214
Term(s) Offered: Spring, All Years

ENG 215 Bible as Literature 4 Credits
In this course, we read and analyze the Bible as literature, with some attention to later art influenced by the Bible. We consider the Hebrew and Christian Scriptures (also known as the Old and New Testaments) within their historical context and survey the range of genres found in the Biblical canon: the Pentateuch, historical books, wisdom and poetic literature, prophetic books, gospels, Pauline letters and apocalypse. Through this course, students become familiar with the most influential images, stories, and characters from the Bible. No prior knowledge of the Bible is required.
Term(s) Offered: Other, All Years

ENG 216 Greek & Roman Mythology 4 Credits
This course explores the rich literary and cultural heritage of Greek and Roman mythology, exploring the stories that have inspired everything from the Percy Jackson series to DC's Wonder Woman, Disney's Hercules to Netflix's Blood of Zeus, and more. We explore classical mythology in several major literary genres, including drama, epic, and poetry, spending much of our time on Ovid's Metamorphoses and Homer's Odyssey. We discuss the history, geography, art and architecture of the ancient Mediterranean world to contextualize how Greek and Roman mythology spread through conquest and trade. Examining modern translations and adaptations helps us connect the world of antiquity to the present day. Counts for Humanities distribution and Gender Studies minor.
Term(s) Offered: Other, Non Conforming

ENG 217 Global Wisdom and Literature 4 Credits
An interdisciplinary, team-taught course with the Department of English and the Department of Philosophy and Religion that delves into the world's wisdom traditions through the lenses of literature, philosophy, and religion. Students examine renowned works such as the Epic of Gilgamesh, Socratic dialogues, Stoic spiritual diaries, Christian and Islamic mystical texts, Hindu epics, Japanese Buddhist poetry, and more. Participants transcend the boundaries of history, geography, ideology, genre, and academic disciplines. The course aims to foster intercultural competence in students seen as crucial for a liberal arts education and meaningful contribution to real world settings.
Cross-listed as: ENG 217/PHL 237
Term(s) Offered: Spring, Odd Years

ENG 220 Introduction to Fiction 4 Credits
This course introduces you to the study of literary fiction. This is not a creative writing workshop nor an introduction to fiction writing methods. This course surveys the rich tradition of prose fiction largely, but not exclusively, in English. Emphasis is placed on the enduring features of this genre as it evolved throughout the centuries as well as to the innovations introduced by individual writers. The literary works selected for this course draw upon a variety of fictional forms and styles. Class discussions include, along with close readings of the works themselves, an appreciation of the historical and cultural contexts out of which they arose and to which they gave a fictional rewriting. Counts for Creative Writing minor, Humanities distribution, and W2 requirement.
Term(s) Offered: Other, Non Conforming

ENG 221 Introduction to Nonfiction 4 Credits
This course introduces students to the genre of nonfiction writing. By exploring various ways to tell stories about a single true life-such as through essay, memoir, autobiography, journalism, and biography-students consider the power of documentation and the methods nonfiction writers use to shape the same facts for different purposes. Discussions will probe the impact that relating personal experience has on national discourse. Counts for Creative Writing minor, Humanities distribution, Journalism, Editing & Publishing minor, and W2 requirement.
Term(s) Offered: Spring, All Years

ENG 222 Introduction to Poetry 4 Credits
This course will provide an introduction to the study of various styles and forms of poetry. By reading a wide range of poetic styles from a number of aesthetic schools, students consider the ways in which poetry has become a conversation across centuries, how the genre may act simultaneously as a personal and a political voice, and how it may be interpreted not only as intimate confession but also as supreme fiction.
Term(s) Offered: Spring, Non Conforming

ENG 223 Introduction to Drama 4 Credits
This course examines plays as literary texts. Students investigate drama in the English language theatre tradition from ancient Greece to the present day. The course considers how writers respond to each other as they develop genres such as comedy, tragedy, satire, morality plays, family drama, history, romance, and others. Attending at least one on-campus performance is required. The goal of this class is to enable you to understand the English language theater tradition so that you can better enjoy reading drama and attending live theater performances.
Term(s) Offered: Other, Non Conforming

ENG 224 Introduction to Journalism 4 Credits
This course covers the foundations of reporting, writing, fact checking, and editing. Students write a range of news and feature stories, including an obituary, an event, and a profile. We also discuss journalistic ethics and the way the field has been transformed by the Internet.
Term(s) Offered: All Terms, All Years

ENG 290 English Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ENG 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ENG 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ENG 300 Global Middle Ages 4 Credits
Global Middle Ages explores literature from many languages and cultures that has been translated into English. Our goal is to gain depth in a few specific genres-- such as the lyric poem, short story collections, or travel narratives -- as well as acquire the breadth of seeing these texts in a larger multinational, multilingual context. Students survey the locales and literatures across the interconnected cultures on the Eurasian and African land masses, with occasional forays into the western hemisphere. Instead of culminating in a traditional research paper assignment, this course builds towards the students collaboratively creating public-facing scholarship and presentations.
Term(s) Offered: Spring, Odd Years

ENG 301 Chaucer 4 Credits
Chaucer's fellow poets hailed him as the father of English poetry for his ability to transform diverse genres and sources into a living tradition of English poetry that continues to this day. This course focuses on The Canterbury Tales, Geoffrey Chaucer's most popular and beloved work, and its creation of fictional and real communities. We become comfortable with Chaucer's poetry in the original Middle English and acquaint ourselves with current scholarly debates and the historical and literary context of the Canterbury Tales. Counts for European Studies minor, Gender Studies minor, and Medieval and Early Modern Studies minor.
Term(s) Offered: Spring, Non Conforming

ENG 302 Arthurian Literature 4 Credits
This class examines the development of stories about King Arthur and his court in the medieval literary tradition, and it considers the tradition of Arthuriana that continues in present day popular adaptations. We ask why these stories resonate so strongly with audiences from the Middle Ages up to today and consider the ideas and social problems they explore. Literary criticism and scholarly research will inform student presentations and essays. Counts for European Studies minor, Gender Studies minor, and Medieval and Early Modern Studies minor.
Term(s) Offered: Fall, Non Conforming

ENG 303 Women Writers to 1800 4 Credits
Early women's writing, much of it highly popular when it was written, has a history of being forgotten. In this class, we explore texts authored by women from before 1800, from Europe, North Africa and the Middle East, Asia, and the Americas. Our readings provide ample material for exploring the role of gender in authorial identity, a wide variety of literary genres, the changing circumstances of literary production, and the contributions of women writers. The theoretical readings introduce you to generations of scholars who have preserved, studied, and championed this tradition.
Term(s) Offered: Fall, Non Conforming

ENG 320 The Eighteenth Century 4 Credits
Aladdin. Ali Baba. Djinns and genies. Scheherazade and the sultan. These characters and their spellbinding narratives all originate in the Arabian Nights, a transcultural text whose embedded stories remain arguably unparalleled in their world-making and whose popular circulation has been world changing. This course focuses on readings from the long eighteenth century, known as an Age of Enlightenment when philosophers and scientists emphasized reason, but also the period when Arabian Nights was translated into English and became a cultural phenomenon. Oriental tales often provide alternative ways of knowing that value magic, orality, and folk practices, and they will provide us with a lens for interrogating the hegemonic relation between the British Empire and its others. Harry Potter and its modern-day magic serves as a coda.
Term(s) Offered: Other, Non Conforming

ENG 321 Romanticism 4 Credits
The movement from the late eighteenth century to 1832 considered as a revolution in the aims and methods of poetry. Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats.
Term(s) Offered: All Terms, Non Conforming

ENG 322 The Victorian Age 4 Credits
Major poets, novelists, and essayists including Tennyson, Browning, Arnold, Rossetti, Carlyle, Newman, Mill, Pater, Bronte, and Gaskill will be studied in conjunction with the culture of the age of Victoria.
Term(s) Offered: Other, Non Conforming

ENG 323 The 19th Century English Novel 4 Credits
Major writers such as Jane Austen, Emily Bronte, Charlotte Bronte, Charles Dickens, George Eliot, and Thomas Hardy will be studied. Attention is given to the cultural and literary context of the novels.
Term(s) Offered: Other, Non Conforming

ENG 330 The Rise of Modernism 4 Credits
This course traces the rise of what we now call modernism beginning with the decadent movement at the end of the 19th century, its emergence during World War I, and its flourishing during the 1920s by reading a range of fiction, nonfiction, poetry, and drama by Henry James, Joseph Conrad, T.S. Eliot, H.D., James Joyce, Katharine Mansfield, Ezra Pound, Gertrude Stein, J.S. Synge, and Virginia Woolf among others.
Term(s) Offered: Other, Non Conforming

ENG 331 Modernism and Its Discontents 4 Credits
A study of the fiction, nonfiction, poetry and drama from the 1920s to the late 1930s paying close attention to the after effects of the experimentation of high modernism and how it, coupled with the rise of fascism and World War II, led to the fracturing of the movement and a return to more traditional prose and poetic structures. Writers include Djuna Barnes, Ernest Hemingway, James Joyce, Marianne Moore, Flann O'Brien, Jean Rhys, Virginia Woolf, and William Butler Yeats.
Term(s) Offered: Other, Non Conforming

ENG 332 Modern & Contemporary British Literature 4 Credits
This course covers a range of British and American writing from World War II and the retreat to realism in the 1950s through the postmodern turn and the current literary landscape. Writers include W.H. Auden, Samuel Beckett, Elizabeth Bowen, Angela Carter, Caryl Churchill, Graham Greene, Edna O'Brien, Graham Swift and Zadie Smith.
Term(s) Offered: Other, Non Conforming

ENG 333 James Joyce 4 Credits
This course focuses on the work of James Joyce, examining the forces-historical, sociopolitical, religious, artistic, and other-that helped shape his oeuvre. We take stock of Joyce's enduring legacy-his status as an author whose writing practices have reshaped ways of understanding the scope and nature of fiction itself-- will explore, from multiple perspectives, the situation of Joyce's work within the landscapes of modernist writing. The bulk of the class focuses on a close reading of the 18 episodes of his 1922 masterpiece, Ulysses.
Term(s) Offered: Other, Non Conforming

ENG 334 The Irish Short Story 4 Credits
The modern short story is part of an international tradition. The form is a relative newcomer to literature, and for various reasons that we will investigate, the Irish have taken to it with particular verve. Through lecture-discussions and response paper and essay assignments, the course teaches techniques for interpreting stories from the abundantly rich Irish imagination evident in its mythology and folklore to the modern agora of the written page. Writers include Maria Edgeworth, Elizabeth Bowen, Liam O'Flaherty, Frank O'Connor, Sean O'Faolain, Edna O'Brien, and William Trevor.
Term(s) Offered: Spring, Non Conforming

ENG 336 Postcolonial Literature 4 Credits
This course investigates the impact of British colonialism, national independence movements, postcolonial cultural trends, and women's movements on the global production of literary texts in English. Students read a diverse grouping of writers including Mulk Raj Anand, Kiran Desai and Salman Rushdie from India,Jamaica Kinkaid, Una Marson, and Sam Selvon from the Caribbean, as well as the Kenyan Nugugi Thiong'o and the Zimbabwean Tsitsi Dangarembga among many others. Careful attention is paid to ethnographic, geographic, and historical modes of understanding the multi-layered effects of colonialism and its' after effects.
Cross-listed as: Ilc336eng336
Term(s) Offered: Fall, Non Conforming

ENG 338 Narrative Journalism 4 Credits
A study of narrative journalism, what is required to tell a story thoroughly, and how to determine the best form for the story. Narrative journalism blends in-depth reporting and research, investigative journalism, first-person perspective, and narrative writing. Includes reading the genre, researching, reporting, writing, recording, giving constructive criticism, and revising.
Requisites: Pre or co-req: ENG 221
Cross-listed as: ENG 338/CMS 338
Term(s) Offered: Fall, Even Years

ENG 339 History of Journalism Ethics 4 Credits
Traces the history of journalism ethics through challenges to and practices of ethical journalism, as students research, report, present, analyze, write, and revise to demonstrate the knowledge they gain. Topics include yellow journalism, muckraking, new journalism, gonzo journalism, the use of anonymous sources, new new journalism, and fake news.
Requisites: Pre or co-req: ENG 221
Cross-listed as: ENG 339/CMS 339
Term(s) Offered: Spring, Odd Years

ENG 340 Women Writers From 1800 to the Present 4 Credits
Beginning with Jane Austen, Emily Dickinson, and George Eliot (Mary Ann Evans) in the nineteenth century and ending with Virginia Woolf, Adrienne Rich, and Zadie Smith in the 20th, this course covers a range of fiction, non-fiction, poetry, and drama by women up to the present. The course also introduces students to a range of feminist theory. Counts for Gender Studies minor.
Term(s) Offered: Spring, Non Conforming

ENG 341 Native American Literature 4 Credits
This course is a consideration of contemporary Native American prose and poetry. Most of the readings focus on twentieth-century works and their sources in Native American and European American cultural and literary traditions. Students consider how complicated the process of defining Native American literature can be; how works by native people relate to or depart from other ethnic American literatures; how indigenous speakers/writers respond to and resist colonialism; and how Native American perspectives and narratives continue today. Emphasis is placed on the use of Native American myths and images of the natural world in the texts.
Term(s) Offered: Other, Non Conforming

ENG 342 Children's & Young Adult Literature 4 Credits
This course involves the reading and study of literary texts by notable authors, with children and young adults as the major audience. We will explore literary elements, evaluation criteria, fiction, non-fiction, poetry, literature response in print media and the arts, classics, and contemporary works. This course provides opportunities to examine various forms of communication and interpretation, implementation of technology, and divergent thinking in order to assist those interested in children's and young adult literature to become more reflective and effective communicators. This is an MSDE-approved reading course.
Cross-listed as: ENG 342/EDU 354
Term(s) Offered: Spring, All Years

ENG 343 American Short Story 4 Credits
Irving, Hawthorne, Poe, Twain, Crane, James, Hemingway, Porter, and Sallinger are among the writers this course considers. The study is chronological and historical, placing emphasis upon the development of this genre.
Term(s) Offered: Spring, Non Conforming

ENG 345 The African American Novel 4 Credits
This course examines the origin and development of the African American novel. We begin with the earliest novels and conclude with an analysis of contemporary novels by African American writers. We examine novels from multiple genres and give careful attention to the intersection of race, gender, class and environment in representative novels of the 19th, 20th, and 21st centuries.
Cross-listed as: AMS 345/ENG 345
Term(s) Offered: All Terms, Non Conforming

ENG 347 American Environmental Writing 4 Credits
The study of writing from an environmental perspective is both an emerging field in literary criticism and a rich tradition in American literary history. What does it mean to be green from a literary point of view? This course explores that question in looking at classic and contemporary authors of American environmental writing, from Henry David Thoreau to Annie Dillard to recent examples of eco-criticism. Though the primary focus is on nonfiction prose, the traditional home of nature writing, the course also explores environmental perspectives in poetry, fiction, and film as well as cross-disciplinary connections with the natural sciences and social sciences.
Cross-listed as: ENG 347/AMS 347/ENV 347
Term(s) Offered: Fall, All Years

ENG 351 Introduction to Playwriting 4 Credits
Analysis and practical application of techniques and styles employed in writing for the stage.
Cross-listed as: ENG 351/THE 351
Term(s) Offered: Fall, Non Conforming

ENG 353 Contemp Am Literature : Living Writers 4 Credits
This course focuses on the study of American poetry, fiction, and nonfiction from 1945 to the present. (The course focuses on poetry one year, novels and short fiction the next, and nonfiction the next rotating among them.) Emphasis includes an examination of the work of major American poets or fiction writers of the past half-century. The course is structured in a way similar to a traditional offering in literature with this difference: some of the writers whose work is studied in class will at some time during the semester come to Washington College to visit the class, discuss their work with course participants, and give a public reading.
Term(s) Offered: Other, Non Conforming

ENG 354 Literary Editing & Publishing 4 Credits
The Rose O'Neill Literary House is home to Cherry Tree, a professional literary journal featuring poets, fiction writers, and nonfiction writers of national reputation and staffed by Washington College students. In this course, students receive hands-on training in the process of editing and publishing a top-tier literary journal. They analyze literary markets even as they steward into print work from the nation's most prestigious emerging and established writers. This class includes extensive research and discussion of nationally recognized literary magazines and covers topics such as a publication's mission statement, its aesthetic vision, and its editorial practices. This is a required course for all students who wish to join the editorial staff and be included on the masthead of Cherry Tree.
Term(s) Offered: Spring, All Years

ENG 360 Lit. of Eur Colonies of N Am & Early US 4 Credits
Although the course counts as pre-1800 for the English major, it focuses on the difference between other-than-modern culture in the North American Colonies and the early US, which will unconventionally be dated to extend from Christendom's (the continent didn't become Europe universally until roughly the seventeenth and eighteenth centuries) fifteenth- through eighteenth-century colonization of North America all the way through the US 1840s, and its modern and post-modern successor. In this course the reflexivity of modern and post-modern retrospect is continually emphasized. No matter how hard or for how long or by how many eminent modern and post-modern literary historians the past has been worked over to make the past seem familiar-the past as prelude to the present, to (mis)quote Shakespeare-in this course the past will always be (re)considered the proverbial foreign land. Counts for American Studies major.
Cross-listed as: ENG 360/AMS 360
Term(s) Offered: All Terms, Non Conforming

ENG 361 Literary Romanticism in U.S. I 4 Credits
Poe, Emerson, Thoreau, Stowe.
Term(s) Offered: Fall, Non Conforming

ENG 362 Literary Romanticism in the U.S. II 4 Credits
Hawthorne, Melville, Whitman, Dickinson.
Term(s) Offered: Spring, Non Conforming

ENG 363 Gilded Age & American Realism 4 Credits
This course examines key prose fiction of the Gilded Age of American literary history, and culture (roughly 1878 - 1901). Careful attention is given to various treatments of Big Business,' industrialization, urbanization, regionalism and social inequality in the work of Mark Twain, Stephen Crane, Kate Chopin, Frances E.W. Harper, Charles Chestnutt, and others.
Term(s) Offered: Spring, Odd Years

ENG 370 The Harlem Renaissance 4 Credits
This interdisciplinary seminar examines African American literature and intellectual thought of the 1920s and 1930s. Take this course and learn about different conceptualizations of the black aesthetic, and about the impact race, class, and gender had on key figures like Langston Hughes, Zora Neale Hurston, Nella Larsen, and Wallace Thurman.
Cross-listed as: ENG 370/AMS 370/CMS 370
Term(s) Offered: Other, Non Conforming

ENG 371 Faulkner & Modernism in U.S. 4 Credits
The course concentrates on the novels of Faulkner as exemplifying modernism.
Term(s) Offered: Other, Non Conforming

ENG 377 2PACalypse Now! 4 Credits
There's something about Heart Of Darkness -- neither the most readable nor the most teachable of books, even of Conrad's books. And there's something about Conrad, too, a native Pole for whom English was a third language, a third language that he evidently spoke so poorly that when conversing with his American literary friend Henry James they both reverted to what was for both of them a second language: French. The course tries to explore what it is that has attracted so many white male Anglophone intellectuals -- and prompted the condemnation of one African writer, the mockery of one black rapper, and perhaps, the rivalry of a prominent, brown, novelist -- over the more than hundred years now since the original publication of Heart of Darkness in 1899 in England in Blackwood's Magazine. Class texts include Conrad's novella, Coppola's Apocalypse Now, Tupac's TUPAcalypse Now, Faulkner's Absalom, Absalom! (which contains a prominent allusion to Heart of Darkness), Chinua Achebe's essays, V.S. Naipul's A Bend in the River, a sampling of the blizzard of journalistic quotations of the novel's title and of its most famous, four-word, speech, plus some theorizings of race and gender that might shed light on why the book has managed to appeal so strongly to a relatively homogenous cohort of readers and adaptors.
Cross-listed as: ENG 377/AMS 377
Term(s) Offered: Fall, Non Conforming

ENG 385 Literature and Landscape 1-4 Credits
This course is attached to the Kiplin Hall Summer Program. Literature connected to specific landscapes in Yorkshire and the Lakes will be studied in conjunction with first hand experience of those landscapes by foot.
Term(s) Offered: Summer, All Years

ENG 390 English Internship 4 Credits
Internships in the English Department serve to give focus to a student's prospective employment in the world beyond Washington College, and they aim to integrate and develop the writing, thinking, and communicative skills acquired while completing an English Major, Creative Writing minor, or Journalism, Editing & Publishing minor. The specific conditions related to each internship will be developed among the faculty advisor, the representative of the institution offering the internship, and the student.
Term(s) Offered: All Terms, All Years

ENG 393 Journalism Practicum 2 Credits
This practicum for The Elm teaches basic news reporting and writing - the who, what, when, where, why & how of story organization; getting quickly to the point; conciseness; straightforward exposition; accuracy, fairness and balance, and ethical issues.
Term(s) Offered: All Terms, All Years

ENG 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ENG 396 Off-Campus Research 4 Credits
An individual research project chosen by the student in consultation with a faculty mentor. The student, with the help of the mentor, design a project to be implemented during a one- or two-semester period or during the summer. Students conduct an appropriate literature search, carry out the research, and submit a written report by the end of each semester. Students may earn up to 4 credits for summer research for a maximum of eight credits. Graded A-F.
Term(s) Offered: Other, Non Conforming

ENG 397 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ENG 400 Junior Seminar 4 Credits
Junior Seminar fulfills the English department's W3 (Writing in the Discipline) writing program requirement. In this course you focus your attention on the methods and modes of writing and critical thinking specific to literary studies. While our main question is, in effect, what does literary study look like today?, we break that question down into its potentially infinite subsets, including questions surrounding what literary study should look like, what literary critics can do with texts, what texts do to literary critics, and how we can conceive of criticism as both a vocation and as a transferable skill. This course builds on the knowledge and skills you learned in your W1 and W2 courses, and helps you transition to the work you will need to complete for the W4 requirement (i.e., the Senior Capstone Experience). You practice developing research questions and assessing the applicability and relevance of different research methods, thus providing a foundation for developing compelling SCE projects, which you will be undertaking in the final year of your studies as an English major. In addition, we have aligned the Junior Seminar with Sophie Kerr programming in the fall, inviting scholars and writers to visit campus and join the class.
Term(s) Offered: Fall, All Years

ENG 452 Creative Writing Workshop: Fiction 4 Credits
This workshop offers guided practice in the writing short fiction. Using established writers as models, considerable effort is put toward the objective of learning to read as writers and, in the process, becoming better critics of the student's own work and the work of others in the group. By offering a more intimate familiarity with the elements of fiction, students write and revise prodigiously and, in the process, learn and practice a repertoire of literary strategies in preparation and in support of short stories of their own composition.
Requisites: Pre-req: ENG 103
Term(s) Offered: Other, Non Conforming

ENG 453 Creative Writing Workshop: Poetry 4 Credits
This course builds upon student's previous training in the workshop, asking them to hone their skills not only as writers but also as readers and critics of poetry. Using recently released, debut collections as role models, students will address concepts of diction, the line and line break, figurative language, imagery, rhyme, meter, and narrative. Assignments will include drafting new poems, performing close readings of published texts, and facilitating class discussions.
Requisites: Pre-req: ENG 103
Term(s) Offered: Other, Non Conforming

ENG 454 Creative Writing Workshop : Nonfiction 4 Credits
In this upper-level nonfiction writing workshop, students explore the diversity of nonfiction forms in a kind of writing which combines elements of journalism, such as the feature article, with elements of the literary, such as the personal essay. In essence this course treats the various forms of the essay with a special emphasis on the creative ways the genre can be interpreted and rewritten. Readings of representative essays are included. Counts for Creative Writing minor and Journalism, Editing, & Publishing minor.
Requisites: Pre-req: ENG 103
Term(s) Offered: Other, Non Conforming

ENG 460 Book History & American Print Culture 4 Credits
This course surveys the interdisciplinary field of book history, with an emphasis on American print culture from the nineteenth century to the present. Students explore topics related to the creation, publication, dissemination and reception of American print communication (e.g., books, periodicals, and newspapers). Students also learn and practice advanced research methods used by literary historians and print culture scholars.
Cross-listed as: CMS 460/ENG 460
Term(s) Offered: Other, Odd Years

ENG 470 Toni Morrison 4 Credits
This course focuses on the works of Toni Morrison, the first African American and the eighth woman to receive the Nobel Prize in Literature. Students study the important motifs, tropes and themes of Morrison's writings, including her notable critical essays and short fiction. Students become well versed in Morrison's writings and develop an understanding of various contemporary critical approaches used to interpret her work. Counts for Black Studies minor and American Studies major.
Cross-listed as: ENG 470/AMS 470
Term(s) Offered: Fall, Non Conforming

ENG 471 Black Men & Women: Images 4 Credits
This course examines black masculinity and femininity in American literature, print culture, and the media. The course is structured around stereotypes like the Mammy, the Black Minstrel, the Jezebel, and the Black Menace. At the beginning of each unit, students practice reading stereotypical images of black men and women shown in print and non-print materials. Students read and analyze the treatment of the stereotype in a literary text. We also read and respond to critical secondary sources by literary scholars and cultural intellectuals. By the end of this course, students should be able to understand and critically analyze: the origins of different stereotypical images of black men and women; the way in which these images have influenced the literary imagination of 20th and 21st century African American authors; the notions of sex/sexuality, humor, violence, Black Power and Black Cool in African American literature. Counts for the American Studies major, Black Studies minor, and Communication and Media Studies major.
Term(s) Offered: Spring, Non Conforming

ENG 490 English Internship 4 Credits
Internships in the English Department serve to give focus to a student's prospective employment in the world beyond Washington College, and they aim to integrate and develop the writing, thinking, and communicative skills acquired while completing an English Major, Creative Writing minor, or Journalism, Editing & Publishing minor. The specific conditions related to each internship will be developed among the faculty advisor, the representative of the institution offering the internship, and the student.
Term(s) Offered: All Terms, All Years

ENG 493 Journalism Practicum 2 Credits
The practicum has traditionally been attached to The Elm, but now welcomes any student working or interning on any campus publication! Over the course of a year, you'll learn the basics of publication reporting and writing-the who, what, when, where, why & how of story organization; getting quickly to the point; conciseness; straight forward exposition; accuracy; fairness and balance, and ethical issues. Students also receive one-on-one feedback about their articles from the instructor. The practicum is 2 credits, pass/fail only. Students may nor earn more than 4 credits for ENG 393, ENG 394 and may not count more than four journalism practicum credits towards the major in English. Counts for the Journalism, Editing & Publishing minor.
Term(s) Offered: Spring, All Years

ENG 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

ENG 497 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Environmental Science/Studies (ENV)

ENV SCE Senior Capstone Experience 2-4 Credits
Every environmental science and environmental studies major is required to complete a Senior Capstone Experience (SCE). Students enroll in the four-credit SCE course during their final semester, although students must begin work on their SCE during the previous semester. The SCE can take the form of a laboratory or field research project, monograph, or service learning project. Selection of the nature of the SCE is based upon discussion with Environmental Science and Studies faculty, and requires the approval of the department Chair. The SCE is graded pass-honors, pass, or fail for students who meet all deadlines. Students not meeting all deadlines are graded with letter grades, with B+ as the highest possible grade. Grading will be based on joint evaluation of the SCE by Environmental Science and Studies faculty.
Term(s) Offered: All Terms, All Years

ENV 101 Intro to Environmental Studies with Lab 4 Credits
This course is an introduction to the discipline of environmental studies. A multidisciplinary view of human responsibility toward the natural world is emphasized, focusing on significant contemporary environmental issues. Topics covered include environmental literature (both historical and current), economic and ethical environmental concerns, scientific methods of assessment and analysis of environmental problems, and possible solutions to representative environmental problems. The laboratory/recitation section is used for field trips, data collection, demonstrations, and discussions. This course is a prerequisite for all upper-level ENV courses. The course should be completed by the end of the sophomore year if it is going to be counted toward the major.
Term(s) Offered: Fall, All Years
Fees: $25 Lab Fee

ENV 102 Intro to Environmental Studies Lab 0 Credits
This is the lab for the Introduction to Environmental Studies lecture (ENV 101). The lab occurs both inside the lab and outside in the field and consists of field trips, data collection, data analysis, and discussions.

ENV 107 Intro to Environmental Archaeology 4 Credits
Exploration of the variety of past human societies and cultures through archaeology, with an emphasis upon the interplay between environment and culture. The course covers a wide time span, from the biological evolution of hominids and the origins of culture to the development of complex civilizations and the more recent historical past.
Cross-listed as: ANT 107/ENV 107
Term(s) Offered: All Terms, All Years

ENV 109 Intro to Geographic Information Systems 4 Credits
Geographic Information Science and Technologies (GIS&T) is a multidisciplinary field focused on the theories, methodologies, and tools for collecting, analyzing, and visualizing spatial data. It has applications in environmental science, urban planning, disaster management, public health, agriculture, transportation, real estate, utilities, telecommunications, sociology, archaeology, and geography. Professionals in academia, business, and government use GIS&T to manage and analyze extensive spatial datasets, enabling real-time navigation, optimizing routing, facilitating safe navigation for self-driving cars, tracking wildlife migration, constructing 3D urban models, and providing insights for anthropological studies and traffic safety. This course covers fundamental GIS concepts, data input, models, spatial analysis, and data output, balancing theory with hands-on lab exercises and student-led projects. Students gain practical experience with ArcGIS Pro, a popular GIS software technology. By completing this introductory course, students will build core competencies, understand basic GIS concepts, technical issues, and applications; learn how GIS contributes to their academic studies and its unique importance; know the issues involved in obtaining, evaluating, implementing, and managing GIS data and projects; understand the technical language of GIS; and gain practical experience using ArcGIS Pro.
Cross-listed as: ANT 109/ENV 109
Term(s) Offered: Other, Non Conforming

ENV 110 Chemistry of the Environment with Lab 4 Credits
An introductory course focusing on the chemical dimensions of current environmental problems such as global warming, ozone depletion, water and soil contamination, and non-renewable fuel consumption. Fundamental principles of chemical bonding, equilibrium and kinetics are studied as they arise in connection with each environmental issue. Interdisciplinary aspects are explored to further understand the multiple dimensions of the problems. Intended for students planning to major outside the sciences.
Cross-listed as: CHE 110/ENV 110
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

ENV 115 Environmental Education Field Experience 1 Credit
This one-credit fieldwork course consists of a minimum of 20 hours of off-campus supervised experiences with organizations that emphasize the overlap between the environment and education. Students observe, reflect upon, and participate in outreach and education duties at a local park, nature center, outdoor school, or other environmental agency.
Cross-listed as: ENV 115/EDU 115
Term(s) Offered: Fall, All Years

ENV 117 Intro Env & Natural Resource Economics 4 Credits
Environmental and natural resource economics focuses on the economic sources of environmental problems and natural resource use in a market economy and the evaluation of the alternative policies for dealing with these problems. This analysis extends to the examination of regional issues (local air and water pollution, recycling programs, and fisheries) and global issues (climate change and waste disposal). The course is intended for students not planning to major in economics.
Term(s) Offered: Spring, All Years

ENV 137 Culture & Environments of the Chesapeake 4 Credits
An examination of prehistoric and historic societies in the Chesapeake Region. Archaeological, historical, and environmental evidence is used to understand cultural development and the relationships between people and their environment. Topics include the arrival of humans in the region, Native American groups, colonial settlement in the Tidewater, and the 19th Century.
Cross-listed as: ANT 137/ENV 137
Term(s) Offered: Spring, All Years

ENV 140 Exploring the Solid Earth with Lab 4 Credits
This course investigates the composition, structure, and dynamics of the solid Earth. The course reviews prominent theories for the origin of matter, the accretion and differentiation of the planets, and the structure of the Earth's interior. The role of plate tectonics in driving the exchange of matter and energy between Earth systems is a central theme of the course, providing the theoretical context for understanding geological phenomena such as seismic activity, volcanism and mountain building. The course is designed to provide the necessary scientific and intellectual background for understanding a wide range of Earth phenomena, and to give students a greater appreciation for the origin and evolution of their planet.
Term(s) Offered: Other, Non Conforming
Fees: $25 Lab Fee

ENV 141 Atmosphere, Ocean & Environment w/Lab 4 Credits
This course examines processes and features that characterize the Earth's surface. The course focuses on the major Earth systems of land (lithosphere), air (atmosphere), and water (hydrosphere) and explores how these systems evolve and interact through geologic time. Examples include studying global air circulation and its effect on weather, examining links between ocean currents and global climate, and exploring how stream processes help to shape landscape. The role of plate tectonics in driving the exchange of matter and energy between Earth's systems is also a central theme. The course is designed to provide the necessary scientific and intellectual background for understanding a wide range of Earth phenomena, and to give students a greater appreciation for the natural environment.
Requisites: Pre-req: ENV 101 or ENV 140
Term(s) Offered: Other, Non Conforming
Fees: $25 Lab Fee

ENV 190 Environmental Studies Internship 1-2 Credits
Students earn credit for pursuing a full-time internship outside of WC. Students must apply through the WC internship office and find a WC advisor and an on-site advisor. Participants produce a final paper, poster or video detailing the findings of their work. Internships must first be approved by the Chair of the Department. 1 or 2 credits. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

ENV 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: Other, Non Conforming

ENV 210 Environmental Chemistry with Lab 4 Credits
The cycling of natural chemical species and pollutants in the water, soil and air of our earth system is a major component of our complex ecosystem. In this environmental chemistry course, we develop an understanding of the transport and reactions controlling natural chemical species in our environment, as well as the cycling of pollutants. We focus primarily on current issues of water, soil and air pollution and study how scientists are cleaning up currently polluted sites, such as through bioremediation, and then look forward to how society is working towards reducing the movement of pollutants through our environment. In the laboratory portion of the class, we investigate the water quality of local water bodies, including the Chester River, as well as conduct hands-on experiments to the environmental issues studied in class.
Requisites: Pre-req: CHE 120 and CHE 220
Cross-listed as: CHE 210/ENV 210
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

ENV 211 Intermediate Geographic Info Systems 4 Credits
This second course in geographic information systems builds upon the theories discussed in introduction to Geographic Information Systems, and focuses on the more technical aspects of GIS. Laboratory activities teach the student to use more advanced functions of GIS software, and the fundamentals of advanced GIS analysis and display programs. The student will also learn to operate a precision GPS field data collector.
Requisites: Pre or co-req: ANT 109 or ENV 109
Term(s) Offered: Fall, Non Conforming

ENV 221 The Bermuda Environment 4 Credits
This summer course investigates the complex marine ecology of the Bermuda Islands, the impact of human habitation and tourism on the natural history, and current environmental concerns and means of mitigating those concerns. Students study the geology of Bermuda, biogeography and colonization, coral reef ecology, sponge and sea grass ecology, culture and history of Bermuda and its major towns, and the environmental impacts of people living on and visiting such a small area of islands.
Requisites: Pre or co-req: BIO 111, BIO 112, or ENV 101
Cross-listed as: BIO 221/ENV 221
Term(s) Offered: Summer, Odd Years

ENV 222 Summer Env. Studies Ecuador 4 Credits
This three-week-long summer course, offered in conjunction with the Universidad San Francisco de Quito, investigates many of the world's most distinctive species of plants and animals found in the richly diverse ecosystems of Ecuador. Students gain an understanding of Ecuador's social and economic issues and the challenges it faces as a developing country while attempting to conserve its natural resources. Topics investigated include conservation of the Amazon rainforest and oil exploration, ecotourism, biodiversity concerns, mangrove conservation and the fate of Galapagos tortoises and the Galapagos fisheries.
Requisites: Pre or co-req: ENV 101
Term(s) Offered: Summer, Even Years

ENV 240 Earth and Planetary Systems with Lab 4 Credits
This course features a detailed examination of the unique interaction between the Earth's geosphere, biosphere, hydrosphere and atmosphere, and how these systems contrast with those of the other planets in the solar system. The course includes a lecture and an integrated lab component. The lecture discussion and reading emphasizes the history of Earth systems, from the birth of the solar system and differentiation of the Earth, to the emergence of biological life, chemical evolution of the modern atmosphere, and the changes to the Earth's climate, ocean and lithosphere throughout geologic history. The lab introduces students to important tools in Earth Science research, including radiometric dating, chemical studies of natural materials, remote sensing and data base analysis. The course provides advanced students with the necessary scientific and intellectual background for pursuing further studies in Earth and planetary science, geography, and environmental studies.
Requisites: Pre or co-req: ENV 140 and ENV 141
Cross-listed as: PHY 240/ENV 240
Term(s) Offered: Other, Non Conforming

ENV 241 Environmental Art 4 Credits
This seminar course introduces students to the basic concepts of environmental art through a series of environmental art projects made both inside and outside, in the field. The curriculum centers on deepening student awareness of how a range of materials, spaces, and approaches can be used to make environmental art projects. The course explores both individual and collaborative strategies. Students engage in creative work and basic environmental research, supported by related class discussions and critiques. Readings and screenings about environmentally engaged artists coincide with creative projects.
Requisites: Pre or co-req: One Studio Art course
Cross-listed as: ART 241/ENV 241
Term(s) Offered: Other, Non Conforming

ENV 242 Applied Ecology 4 Credits
This required course gives students an opportunity to study ecological patterns and processes as they relate to human impacts on the environment. Through engaging in experimental and field data collection, in addition to using existing data sets from ecosystems around the world, students in this course explore the impact of human-induced environmental changes (e.g., climate change, chemical spills, trash disposal, agricultural and road runoff, energy production) on basic ecological interactions. By applying the foundational concepts of ecology to our anthropocentric landscapes, students will be able to critically analyze current management strategies while developing novel approaches to ecological challenges.
Requisites: Pre-req: ENV 101, BIO 111, and BIO 112.
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

ENV 244 Environmental Communication 4 Credits
Environmental communication is a powerful tool to convey important environmental topics to diverse audiences. In many environmental careers, a central skill will be communicating about complex topics, such as climate change, biodiversity conservation, urban sprawl, and many others. In this project-based course, students practice communicating in many forms (through writing, speaking, creative visual displays, etc.) about environmental topics of their choosing.
Requisites: Pre-req: ENV 101
Term(s) Offered: Spring, Odd Years

ENV 290 Environmental Studies Internship 1-2 Credits
Students earn credit for pursuing a full-time internship outside of WC. Students must apply through the WC internship office and find a WC advisor and an on-site advisor. Participants produce a final paper, poster or video detailing the findings of their work. Internships must first be approved by the Chair of the Department. 1 or 2 credits. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

ENV 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: Other, Non Conforming

ENV 302 Conservation & Wildlife Techniques 4 Credits
Lecture examine patterns in local and global biological diversity and current causes for biodiversity loss. Conservation strategies from the genetic to ecosystem scale are evaluated to inform students about tools scientists can use to prevent species loss and restore natural wildlife habitats and populations. Laboratory exercises allow students to gain familiarity with hands-on techniques for monitoring wildlife populations and include field trips that focus on local conservation efforts. ENV/ESI Majors must have taken ENV 101.
Requisites: Pre or co-req: BIO 111, and BIO 112 . BIO 206 or ENV 242
Term(s) Offered: Other, Non Conforming
Fees: $50 Lab Fee

ENV 303 Environmental Ethics 4 Credits
A study of the nature and history of the environmental movement and our ethical responsibilities with regard to such current issues as teh preservation of species, animal rights, the value of ecosystems, ozone depletion, and deep or radical ecology.
Requisites: Pre or co-req: PHL 100
Cross-listed as: PHL 303/ENV 303
Term(s) Offered: Other, Non Conforming

ENV 305 Marine Conservation 4 Credits
Marine ecosystems are experiencing unprecedented rates of change caused by human activities. Humans rely on marine ecosystems for life-supporting services (e.g., oxygen, food) as well as income, shoreline protection, recreation, and inspiration. Conserving marine systems requires understanding the threats and what is unique about the marine environment (physically, biologically, chemically) and applying that knowledge to conservation action. This course is grounded in marine ecology but also discusses key ideas and concepts from economics, history, philosophy, and other disciplines as they relate to marine conservation science.
Requisites: Pre-req: ENV 101 and either ENV 242 or BIO 206
Term(s) Offered: Other, Non Conforming

ENV 311 Field Methods in Environmental Science 4 Credits
Students learn to be environmental field researchers through two collaborative projects conducted throughout the semester. For these collaborative projects, student begin with a literature review and then ask questions, form hypotheses, establish an experimental design, execute the design, analyze the data, and communicate the findings through writing. Other environmental research methods are demonstrated through lab activities including groundwater, river, and stream sampling.
Requisites: Pre or co-req: ENV 101, ENV 141 and two from: BIO 112, CHE 220, PHY 112
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

ENV 312 Watershed Biogeochemistry 4 Credits
The study of physical, chemical, biological, and, geological processes and reactions that govern the, composition of and changes to Earth. Students, examine water, carbon, nitrogen, phosphorus, and, sulfur cycles and discuss how humans have impacted, these cycles. The class explores potential, management solutions related to anthropogenic, disruptions of biogeochemical cycles. The, laboratory component involves biogeochemical field, sampling and laboratory analysis techniques.
Requisites: Pre or co-req: ENV 101 . BIO 111, BIO 112, and CHE 210 . ENV 242
Term(s) Offered: Spring, All Years
Fees: $50 Lab Fee

ENV 313 Wetlands Ecology w/ Lab 4 Credits
This course provides an in-depth examination of the function and types of wetlands with an emphasis on ecosystem services, biodiversity and conservation. Lecture include a broad overview of the role wetlands play in larger ecosystems as well as the hydrology, geology, chemistry, trophic interactions and species common to these unique aquatic systems.Laboratories include a large field-based component where students learn to identify wetlands and their associated flora and fauna.
Requisites: Pre or co-req: BIO 111, BIO 112, and BIO 206 or ENV 242
Cross-listed as: BIO 313/ENV 313
Term(s) Offered: Other, Non Conforming

ENV 314 Energy and the Environment 4 Credits
This course explores general topics of energy generation, distribution, and use, as well as the many ways that the energy industry affects the environment. Topics include fossil fuels, heat engines, renewable energy sources, global effects of energy use, politics and energy policy, nuclear energy, and energy conservation.
Requisites: Pre or co-req: ENV 101
Term(s) Offered: Other, Non Conforming

ENV 315 Restoration Ecology 4 Credits
This course provides a broad overview of restoration ecology with a focus on local ecosystems. Although people have been actively restoring ecosystems for hundreds of years, the scientific field of restoration ecology is relatively new. It is an interdisciplinary endeavor that seeks to use ecological theories and methods to help ecosystems recover their structure and functions after disturbance, degradation, or total destruction and to help assess the effectiveness of restoration techniques. This course is composed of a variety of different learning approaches including lectures, site field trips, labs, paper discussions, and hands-on restoration projects.
Requisites: Pre-req: ENV 101 . ENV 242 or BIO 206
Term(s) Offered: Other, Non Conforming

ENV 317 Environmental Economics 4 Credits
This course is a survey of the application of economic analysis to environmental problems. Analysis will focus on: policy options available to lawmakers and citizens, methods for assigning value to the environment, and air and water pollution and the laws meant to control these problems.
Requisites: Pre-req: ECN 112 or ENV 117
Cross-listed as: ECN 317/ENV 317
Term(s) Offered: Fall, All Years

ENV 318 Natural Resource Economics 4 Credits
This course surveys the economic theory behind, and the managemnet of, renewable and non-renewable resources including fisheries, minerals, timber, water, and biodiversity. Analysis of management options is at the local, regional, and national levels. Analysis includes trade-offs of policies and the effect of property rights on resource use.
Requisites: Pre-req: ECN 112. Must NOT have taken ECN 117
Cross-listed as: ECN 318/ENV 318
Term(s) Offered: Other, Non Conforming

ENV 319 Sustainability & the Environment 4 Credits
This class examines the science of how we can interact sustainably with our environment. Discussion topics for this class include waste, green living, green buildings, agriculture, and water acquisition, as well as other topics. The laboratory component of this class focuses on discussion and field trips to explore local sustainability practices.
Term(s) Offered: Other, Non Conforming

ENV 320 Climate Change 4 Credits
This class teaches students the basic science behind climate change. Students evaluate the evidence that our climate is changing and that it is caused by humans. We also discuss our future in a changing climate and potential adaption, mitigation, and geoengineering strategies. Climate change science is changing quickly, and we will read and discuss recent papers published in the literature. The lab instruction includes field trips, data analysis, and journal article discussion.
Term(s) Offered: Other, Non Conforming

ENV 335 Global Environmental Politics 4 Credits
This course explores environmental issues in a global context, with particular attention paid to international cooperation, international law, and the roles of governments, institutions, NGOs and social movements. The course also focuses on the impact of environmental problems and cooperation on countries in the Global South/North.
Requisites: Pre or co-req: POL 102
Cross-listed as: ENV 335/POL 370
Term(s) Offered: Spring, Non Conforming

ENV 347 American Environmental Writing 4 Credits
The study of writing from an environmental perspective is both an emerging field in literary criticism and a rich tradition in American literary history. What does it mean to be green from a literary point of view? This course explores that question in looking at classic and contemporary authors of American environmental writing, from Henry David Thoreau to Annie Dillard to recent examples of eco-criticism. Though the primary focus is on nonfiction prose, the traditional home of nature writing, the course also explores environmental perspectives in poetry, fiction, and film as well as cross-disciplinary connections with the natural sciences and social sciences.
Cross-listed as: ENG 347/AMS 347/ENV 347
Term(s) Offered: Fall, All Years

ENV 370 Environmental Sociology 4 Credits
This class explores the human dimension of ecosystem science. We use environmental sociology as a framework for understanding the dynamic relationship between humans and the environment, trends in environmental policy and public opinion, environmentalism as a social movement, human-induced environmental decline, and environmental justice. Students explore how changes in ecosystems influence the achievability and sustainability of societal values such as security from natural disasters, health, good social relations, and freedom to pursue personal and cultural interests.
Requisites: Pre or co-req: SOC 101 and one additional SOC course
Cross-listed as: SOC 370/ENV 370
Term(s) Offered: Spring, Even Years

ENV 390 Environmental Studies Internship 1-2 Credits
Students earn credit for pursuing a full-time internship outside of WC. Students must apply through the WC internship office and find a WC advisor and an on-site advisor. Participants produce a final paper, poster or video detailing the findings of their work. Internships must first be approved by the Chair of the Department. 1 or 2 credits. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

ENV 392 Environmental Studies Junior Seminar 2 Credits
A two-semester weekly seminar that prepares students for graduate education, career development, and writing a successful Senior Capstone Experience (SCE). Seminars are led by Environmental Science and Studies faculty and invited guests. Students present their SCE proposals and findings as part of the seminar. Required of all Environmental Science and Studies majors.
Term(s) Offered: Spring, All Years

ENV 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: Other, Non Conforming

ENV 397 Independent Study 4 Credits
An individualized research project chosen by the student in consultation with a faculty member designed to be the equivalent of a semester-long course. The student, with the help of the faculty mentor, designs a project to be implemented during the semester. Students conduct an appropriate literature search, carry out the research, and submit a written report.
Term(s) Offered: All Terms, All Years

ENV 490 Environmental Studies Internship 1-2 Credits
Students earn credit for pursuing a full-time internship outside of WC. Students must apply through the WC internship office and find a WC advisor and an on-site advisor. Participants produce a final paper, poster or video detailing the findings of their work. Internships must first be approved by the Chair of the Department. 1 or 2 credits. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

ENV 491 Environmental Studies Senior Seminar I 2 Credits
ENV 491 is part of a two-semester weekly seminar that prepares students for graduate education, career development, and writing a successful Senior Capstone Experience (SCE). Seminars are led by Environmental Science and Studies faculty and invited guests (including from the Career Center and Writing Center). Students present their SCE proposals and findings as part of the seminar. Required of all Environmental Science and Studies majors
Term(s) Offered: Fall, All Years

ENV 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: Other, Non Conforming

ENV 497 Independent Study 4 Credits
An individualized research project chosen by the student in consultation with a faculty member designed to be the equivalent of a semester-long course. The student, with the help of the faculty mentor, designs a project to be implemented during the semester. Students conduct an appropriate literature search, carry out the research, and submit a written report.
Term(s) Offered: All Terms, All Years

First-Year Seminar (FYS)

FYS 101 First-Year Seminar 4 Credits
Effective citizen leadership requires the ability to consider questions and issues from multiple perspectives with a thoughtful and critical eye. The required first-year seminar offers students the opportunity to engage in nuanced critical inquiry in a small, seminar-style course. Topics vary widely and reflect diverse disciplinary and multidisciplinary perspectives. All FYS 101 courses introduce students to library research and information literacy; offer instruction on the writing process, rhetorical knowledge, and academic conventions; and include significant research, writing, revision, and presentation. FYS 101 courses satisfy the W1 component of the Writing Program.
Term(s) Offered: All Terms, All Years

FYS 102 Setting a Course for Academic Success 2 Credits
FYS 102 is designed to enhance students' academic success by providing pathways for learning. This course focuses on applying foundational skills to current coursework in order to improve the students overall academic performance. Topics such as study skills, time management and campus resources will be explored. Additionally, this course will examine the connection between course success, majors, experiential learning and career exploration.
Term(s) Offered: All Terms, All Years

French Studies (FRS)

FRS SCE Senior Capstone Experience 2-4 Credits
Majors must successfully complete the Senior Capstone Experience, which may consist of an original research project (open to students with a 3.5 GPA or higher in the major), or a thesis based on a seminar paper. In each case, students consult with the faculty advisor(s) to choose the most appropriate Capstone Experience, which must be approved by the faculty advisor(s). The Senior Capstone Experience is graded Pass, Fail or Honors and should be taken during the semester in which the student plans to graduate.
Term(s) Offered: All Terms, All Years

FRS 101 Elementary French I 4 Credits
Designed for beginning students and aimed at developing skill in listening, speaking, reading, and writing in French. Emphasis on communication through intensive aural/oral practice and awareness of cultural context.
Term(s) Offered: Fall, All Years

FRS 102 Elementary French II 4 Credits
Designed for beginning students and aimed at developing skill in listening, speaking, reading, and writing in French. Emphasis on communication through intensive aural/oral practice and awareness of cultural context.
Requisites: Pre-req: FRS 101 or placed into FRS 102
Term(s) Offered: Spring, All Years

FRS 194 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme.
Term(s) Offered: All Terms, All Years

FRS 195 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

FRS 196 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. 45 hours per credit required.
Term(s) Offered: All Terms, All Years

FRS 197 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

FRS 201 Intermediate French I 4 Credits
Continued emphasis on the four basic skills. Intensive aural/oral practice. Review of grammar, expansion of vocabulary, and their application in writing. Development of effective reading strategies in response to both expository and literary texts. Familiarization of the student with French life and the francophone world.
Requisites: Pre-req: FRS 102 or placed into FRS 201
Term(s) Offered: Fall, All Years

FRS 202 Intermediate French II 4 Credits
Continued emphasis on the four basic skills. Intensive aural/oral practice. Review of grammar, expansion of vocabulary, and their application in writing. Development of effective reading strategies in response to both expository and literary texts. Familiarization of the student with French life and the francophone world.
Requisites: Pre-req: FRS 201, or placed into FRS 202
Term(s) Offered: Spring, All Years

FRS 290 French Studies Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours are required per credit.
Term(s) Offered: All Terms, Non Conforming

FRS 294 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme.
Term(s) Offered: All Terms, All Years

FRS 295 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

FRS 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. 45 hours per credit required.
Term(s) Offered: All Terms, All Years

FRS 297 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

FRS 301 Advanced French I 4 Credits
FRS 301 and FRS 302 is a sequence designed to deepen the student's skills reading, writing, speaking, and listening. FRS 301 focuses on writing: Journalistic, cultural, and literary readings about contemporary French life serve to develop the student's ability to analyze texts and to write clearly and persuasively in varied forms, such as the résumé, analysis, commentary, description, and short narrative. These courses prepare the student for upper-level literature and civilization courses and for study abroad in a Francophone country.
Requisites: Pre-req: FRS 202 or placed into 300 level French
Term(s) Offered: Fall, Odd Years

FRS 302 Advanced French II 4 Credits
FRS 301 and FRS 302 is a sequence designed to deepen the student's skills reading, writing, speaking, and listening. FRS 302 focuses on speaking: Class discussion aims at stimulating fluent and spontaneous use of spoken French. The course includes instruction in phonetics as a guide to correct pronunciation as well as multimedia cultural activities intended to improve the student's linguistic and cultural knowledge. These courses prepare the student for upper-level literature and civilization courses and for study abroad in a Francophone country.
Requisites: Pre-req: FRS 202 or placed into 300 level French
Term(s) Offered: Fall, Even Years

FRS 303 Intro to French Literature 4 Credits
A course designed to help students answer the questions, How does one talk and write about literature? and What does it mean to read and give a reading to a text? An exploration of selected works representing different genres both in relation to other literary movements and their historical contexts.
Requisites: Pre or co-req: FRS 301 or FRS 302
Term(s) Offered: Spring, Even Years

FRS 304 Intro to French Literature II 4 Credits
A course designed to help students answer the questions, How does one talk and write about literature? and What does it mean to read and give a reading to a text? An exploration of selected works representing different genres both in relation to other literary movements and their historical contexts.
Requisites: Pre or co-req: FRS 301 or FRS 302
Term(s) Offered: Other, Non Conforming

FRS 311 Contemporary France 4 Credits
Taught in English, this course provides an introductory historical and cultural study of contemporary France. Students are provided tools for cultural interpretation via critical texts and the analysis of French films and their American remakes; they will then apply them to the cultural history of France. We explore the impact of World War II, of the students protests of May '68, and of women's emancipation movements. We examine France's position in the world -- its past as a colonizing nation, its present post-colonial actions, and its multicultural identity enriched be different waves of immigration. We study the political and economic roles of women, their place in the family, health concerns, and struggles for autonomy through works by women. This course counts toward the French major and minor if the journal entries, mid-term exam, and final paper are written in French.
Cross-listed as: FRS 311/ILC 311
Term(s) Offered: Other, Non Conforming

FRS 312 The Contemporary Francophone World 4 Credits
Taught in English, this course provides an introductory historical and cultural study of the contemporary Francophone world. Designed as a survey of the non-European Francophone world, the course offers for study both literary and cultural documents from the Caribbean, North Africa, Sub-Saharan Africa, and Canada. Initially students are provided tools for cultural interpretation via critical texts, media analysis (including print and internet sources) and the analysis of Francophone films; they then apply them to the cultural history of the Francophone world. We explore French colonization, the process of decolonization, and subsequent independence movements. We examine social, political, and economic roles of both women and men, changing gender roles, and contemporary divisions of labor. Finally, we reflect on the political, historical, and sociocultural situations of post-colonial Francophone nations.
Cross-listed as: FRS 312/ILC 312
Term(s) Offered: Other, Non Conforming

FRS 375 Study Abroad Portfolio 2 Credits
This tutorial continues the development of specific listening, speaking, reading, writing, and critical thinking skills in the target language while majors pursue their language-immersion study abroad program. Students create a portfolio remotely with frequent consultation and feedback from a faculty advisor. The study abroad portfolio is assessed for progress in the student's language learning skills and personal development.
Term(s) Offered: All Terms, All Years

FRS 390 French Studies Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

FRS 394 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme.
Term(s) Offered: All Terms, All Years

FRS 395 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: Summer, All Years

FRS 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. 45 hours per credit required.
Term(s) Offered: Summer, All Years

FRS 397 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours per credit is required.
Term(s) Offered: Fall, All Years

FRS 411 Love in the Middle Ages 4 Credits
An investigation of the various modes of representation used to define love during the Middle Ages in France. Readings include Ovid, Andreas Capellanus, the troubadours, Chrétien de Troyes, Marie de France, and the letters of Heloise and Abelard
Requisites: Pre or co-req: FRS 303 or FRS 304
Term(s) Offered: Other, Non Conforming

FRS 418 Post -World War II France 4 Credits
What are the voices of the post-war period, feminism, and anticolonialism? What is the nature of identity and nationalism? What was the impact of the Algerian War and Mai 68? What is the nouveau roman? Who are some of the critics that have helped shape the visions of this century? Readings are drawn from works by de Beauvoir, Beckett, Césaire, Cixous, Duras, Fanon, Foucault, Ionesco, and Robbe-Grillet.
Requisites: Pre or co-req: FRS 303 or FRS 304
Term(s) Offered: Other, Non Conforming

FRS 419 Studies in Francophone Lit & Cult 4 Credits
This course presents the student with a number of aesthetic, cultural, historical, and political issues relevant to francophone literature. The particular national or regional focus varies.
Requisites: Pre or co-req: FRS 303 or FRS 304
Term(s) Offered: Other, Non Conforming

FRS 490 French Studies Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

FRS 494 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme.
Term(s) Offered: All Terms, All Years

FRS 495 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: Summer, All Years

FRS 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. 45 hours per credit required.
Term(s) Offered: Summer, All Years

FRS 497 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

German Studies (GRS)

GRS SCE Senior Capstone Experience 2-4 Credits
Majors must successfully complete the Senior Capstone Experience, which may consist of an original research project, or a thesis based on a seminar paper. In each case, students consult with the faculty advisor(s) in order to choose the most appropriate Capstone Experience, which must be approved by the faculty advisor(s). Students are enrolled for four SCE credits usually in the spring of their senior year, but the SCE is a year-long project that should be started at the end of the junior year. The Capstone receives a mark of Pass, Fail, or Honors.
Term(s) Offered: All Terms, All Years

GRS 101 Elementary German I 4 Credits
Designed for beginning students and aimed at developing skill in listening, speaking, reading, and writing in German. Emphasis on communication through intensive aural/oral practice and awareness of cultural context. Students must not have taken or placed into a higher level of German. Three class meetings and one laboratory session per week.
Term(s) Offered: Fall, All Years

GRS 102 Elementary German II 4 Credits
Designed for beginning students and aimed at developing skill in listening, speaking, reading, and writing in German. Emphasis on communication through intensive aural/oral practice and awareness of cultural context. Student may not have taken/tested a higher level of German. Three class meetings and one laboratory session per week.
Requisites: Pre-req: GRS 101, or placed into GRS 102
Term(s) Offered: Spring, All Years

GRS 190 German Studies Internship 4 Credits
A learning contract is required prior to, enrollment. Evaluation of student performance is, completed by the faculty mentor based on, fulfillment of the contract terms and written, evaluation by the internship site supervisor. 45, hours per credit is required.
Term(s) Offered: All Terms, All Years

GRS 194 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme in German culture studies.
Term(s) Offered: All Terms, All Years

GRS 195 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

GRS 196 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member a
Term(s) Offered: Summer, All Years

GRS 197 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours per credit is required.

GRS 201 Intermediate German I 4 Credits
Continued emphasis on the four basic skills. Intensive aural/oral practice. Review of grammar, expansion of vocabulary, and their application in writing. Development of effective reading strategies. Authentic non-fictional and literary German texts provide the basis for discussion of a wide range of contemporary social, political, and cultural topics. Three class meetings and one laboratory session per week.
Requisites: Pre-req: GRS 102, or placed into GRS 201
Term(s) Offered: Fall, All Years

GRS 202 Intermediate German II 4 Credits
Continued emphasis on the four basic skills. Intensive aural/oral practice. Review of grammar, expansion of vocabulary, and their application in writing. Development of effective reading strategies. Authentic non-fictional and literary German texts provide the basis for discussion of a wide range of contemporary social, political, and cultural topics. Three class meetings and one laboratory session per week.
Requisites: Pre-req: GRS 201, or placed into GRS 202
Term(s) Offered: Spring, All Years

GRS 290 German Studies Internship 4 Credits
A learning contract is required prior to, enrollment. Evaluation of student performance is, completed by the faculty mentor based on, fulfillment of the contract terms and written, evaluation by the internship site supervisor. 45, hours per credit is required.
Term(s) Offered: All Terms, All Years

GRS 294 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme in German culture studies.
Term(s) Offered: All Terms, All Years

GRS 295 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

GRS 296 Off-Campus Studies 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

GRS 297 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

GRS 301 Advanced German Proficiency I 4 Credits
A course designed to enhance students' skills in reading, writing, speaking, and listening as well as their cultural knowledge. Engagement with contemporary cultural and literary texts serves to develop students' abilities to analyze texts and to express themselves clearly and according to genre-specific conventions in written and oral communication. This course also includes a review of German grammar.
Requisites: Pre-req: GRS 202, or placed into 300 level German
Term(s) Offered: Fall, Even Years

GRS 302 Advanced German Proficiency II 4 Credits
A course designed to enhance students' skills in reading, writing, speaking, and listening as well as their cultural knowledge. Engagement with contemporary cultural and literary texts serves to develop students' abilities to analyze texts and to express themselves clearly and according to genre-specific conventions in written and oral communication. This course also includes a review of German grammar.
Requisites: Pre-req: GRS 202, or placed into 300 level German
Term(s) Offered: Fall, Odd Years

GRS 304 German Civilization 4 Credits
A survey of German history, politics, and art from their beginnings to the present with special emphasis on the nineteenth and twentieth centuries. In addition, this course will focus on a close study of the geography and social structures of German-speaking countries. Use will be made of authentic sources. Students will continue to develop language skills, especially reading strategies and vocabulary building.
Requisites: Pre or co-req: GRS 301 or GRS 302
Term(s) Offered: Spring, Non Conforming

GRS 305 Introduction to German Literature 4 Credits
This course provides students with the analytic tools that facilitate the reading and interpretation of German literature. Specific artistic accomplishments are discussed against the background of historical and social contexts. Brief selections may range from the writings of Martin Luther to works by contemporary women. Particular emphasis is placed on authors of the twentieth century. Students continue to develop language skills, especially reading strategies and vocabulary building.
Requisites: Pre or co-req: GRS 301 or GRS 302
Term(s) Offered: Spring, Non Conforming

GRS 314 Berlin: Symphony of Great City 4 Credits
The course provides an overview of the cultural, sociological, political, and historical significance of Berlin. It presents a survey of its history and culture over the past century, examining how Berlin has come to stand as a symbol of the development of Germany as a whole. Discussion of selected (fictional and nonfictional) texts from specific moments in Berlin's history. Course taught in German.
Requisites: Pre or co-req: GRS 301 or GRS 302
Term(s) Offered: Spring, Non Conforming

GRS 315 Minorites & Migration in Germany (eng) Margins (English) 4 Credits
The course provides an overview of the historical background to situate minorities in contemporary Germany, focusing on cultural productions (fictional, non-fictional texts, films) that contribute to the discussion about the situation of minorities in postwar Germany. We examine works that address minorities and their particular circumstances such as guestworkers, the Turkish community, Black Germans, Jews, Muslims, Aussiedler, Russian immigrants. Course taught in English.
Cross-listed as: GRS 315/ILC 315
Term(s) Offered: Spring, Non Conforming

GRS 316 Minorities & Migration Germany (grs) 4 Credits
The course provides an overview of the historical background to situate minorities in contemporary Germany, focusing on cultural productions (fictional, non-fictional texts, films) that contribute to the discussion about the situation of minorities in postwar Germany. We examine works that address minorities and their particular circumstances such as guestworkers, the Turkish community, Black Germans, Jews, Muslims, Aussiedler, Russian immigrants. Course taught in German.
Requisites: Pre or co-req: GRS 301 or GRS 302
Cross-listed as: GRS 316/ILC 316
Term(s) Offered: Spring, Non Conforming

GRS 317 German Cinema (English) 4 Credits
Explores the history and cultural background of German cinema, its topics, forms of representation and relationship to main issues of German history; major themes, movements, and trends, and the construction of identity and difference with special focus on gender. Apart from the historical and narrative context of the films, we also consider how movies produce meaning and how our perspectives as viewers are guided. While this course is not an introduction to Film Studies, it gives students a general idea how to think and write about film in a critical way. Films are screened outside of class; if students cannot attend the screenings, they must watch the films before the class discussion on their own time.
Cross-listed as: GRS 317 / CMS 317
Term(s) Offered: Spring, Non Conforming

GRS 318 German Cinema (German) 4 Credits
Explores the history and cultural background of German cinema, its topics, forms of representation and relationship to main issues of German history; major themes, movements, and trends, and the construction of identity and difference with special focus on gender. Apart from the historical and narrative context of the films, we also consider how movies produce meaning and how our perspectives as viewers are guided. While this course is not an introduction to Film Studies, it gives students a general idea how to think and write about film in a critical way. Films are screened outside of class; if students cannot attend the screenings, they must watch the films before the class discussion on their own time.
Requisites: Pre-req: GRS 301 or GRS 302
Term(s) Offered: Spring, Non Conforming

GRS 375 Study Abroad Portfolio 2 Credits
This tutorial continues the development of specific listening, speaking, reading, writing, and critical thinking skills in the target language while majors pursue their language-immersion study abroad program. Students create a portfolio remotely with frequent consultation and feedback from a faculty advisor. The study abroad portfolio is assessed for progress in the student's language learning skills and personal development.
Term(s) Offered: All Terms, All Years

GRS 390 German Studies Internship 4 Credits
A learning contract is required prior to, enrollment. Evaluation of student performance is, completed by the faculty mentor based on, fulfillment of the contract terms and written, evaluation by the internship site supervisor. 45, hours per credit is required.
Term(s) Offered: All Terms, All Years

GRS 394 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme in German culture studies.
Term(s) Offered: All Terms, All Years

GRS 395 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: Summer, All Years

GRS 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member a
Term(s) Offered: Summer, All Years

GRS 397 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours per credit is required.

GRS 413 The Birth of Modern Germany 4 Credits
In many respects, modern German history may be said to have begun with the failed bourgeois revolution of 1848. With the shattering of its democratic hopes, the German middle class largely turned away from political concerns, focusing instead on the pleasures of family life, the private accumulation of wealth, and the advancement of science and industry. At the same time, the German bourgeoisie also came to accept the autocratic state of authority with which it would ever afterwards be associated. This course traces the often ambivalent artistic responses to German modernity, focusing on figures such as Fontane, Hauptmann, Nietzsche, Wagner, and Rilke, and the movements with which they are associated (Realism, Naturalism, Symbolism, and Expressionism).
Requisites: Pre or co-req: GRS 304 or GRS 305
Term(s) Offered: Spring, Non Conforming

GRS 417 Democratic & Totalitarian Germany 4 Credits
Few eras continue to fascinate as do those of Germany's Weimar Republic (1918-1933) and Third Reich (1933-1945). In the former, we find a fragile new democracy characterized at once by anxiety, inflation, and the destruction of values, as well as an explosion of creative energies in literature, film, music, the visual arts, and architecture. In the latter, by contrast, Germany's Golden Twenties come crashing to a halt; post-war anxieties, uncertainties, and freedoms are exchanged for the reactionary nationalism of Adolf Hitler and the Nazi Party. Drawing on key cultural artifacts from the periods in question, this course considers the troubled relationship between democracy and totalitarianism in German history. The course then concludes with an analysis of the divided Germany as it developed after 1945.
Requisites: Pre or co-req: GRS 304 or GRS 305
Term(s) Offered: Spring, Non Conforming

GRS 418 The Culture of Open Society 4 Credits
With the construction of the Berlin Wall in 1961, Germany's permanent separation seemed assured. In the east, the German Democratic Republic sought to realize a socialist state founded upon the principles of Marxism-Leninism. In the west, the Federal Republic of Germany embraced the model of a capitalist and politically open (pluralistic) society. This seminar focuses on the trials and triumphs of the latter, tracing social, cultural, and political developments from 1961 to the present. Topics of discussion will include Germany's economic miracle and affluent society, the social market economy, student, peace, and women's movements, terrorism, and German Reunification.
Requisites: Pre or co-req: GRS 304 or GRS 305
Term(s) Offered: Spring, Non Conforming

GRS 490 German Studies Internship 4 Credits
A learning contract is required prior to enrollment. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

GRS 494 Special Topics 4 Credits
The intensive study of a selected author, movement, genre, or theme in German culture studies.
Term(s) Offered: All Terms, All Years

GRS 495 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: Summer, All Years

GRS 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. 45 hours per credit is required.
Term(s) Offered: Summer, All Years

GRS 497 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

Hispanic Studies (HPS)

HPS SCE Senior Capstone Experience 2-4 Credits
Majors must successfully complete the Senior Capstone Experience, which may consist of a comprehensive examination, an original research project (open to students with a 3.5 GPA or higher in the major), or a thesis based on a seminar paper. In each case, students will consult with the faculty advisor(s) to choose the most appropriate Capstone Experience, which must be approved by the faculty advisor(s). The Senior Capstone Experience will be graded Pass, Fail or Honors and should be taken during the semester in which the student plans to graduate.
Term(s) Offered: All Terms, All Years

HPS 101 Elementary Spanish I 4 Credits
Designed to develop basic proficiency in aural comprehension, speaking, reading, and writing. A native Spanish-speaking assistant serves as tutor for the course.
Term(s) Offered: Fall, All Years

HPS 102 Elementary Spanish II 4 Credits
Designed to develop basic proficiency in aural comprehension, speaking, reading, and writing. A native Spanish-speaking assistant serves as tutor for the course.
Requisites: Pre or co-req: HPS 101 or placed into HPS 102
Term(s) Offered: Spring, All Years

HPS 190 Hispanic Studies Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

HPS 194 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

HPS 195 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

HPS 196 Off-Campus Research 4 Credits
Term(s) Offered: All Terms, All Years

HPS 201 Intermediate Spanish I 4 Credits
Review and intensified practice of language skills. Readings cover a wide range of topics in Spanish and Spanish American culture and literature. A native Spanish-speaking assistant serves as tutor for the course.
Requisites: Pre or co-req: HPS 102 or placed into HPS 201
Term(s) Offered: All Terms, All Years

HPS 202 Intermediate Spanish II 4 Credits
Review and intensified practice of language skills. Readings cover a wide range of topics in Spanish and Spanish American culture and literature. A native Spanish-speaking assistant serves as tutor for the course.
Requisites: Pre or co-req: HPS 201 or placed into HPS 202
Term(s) Offered: All Terms, All Years

HPS 290 Hispanic Studies Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

HPS 294 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

HPS 295 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

HPS 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

HPS 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: Fall, All Years

HPS 301 Advanced Spanish Composition and Convers 4 Credits
A course designed to improve reading and writing skills and to augment vocabulary through the use of literary and cultural texts, including film. Spanish grammar is thoroughly reviewed with emphasis on those elements of the structure of Spanish that are often the most troubling to non-native learners.
Requisites: Pre or co-req: HPS 202 or placed into 300 level Spanish
Cross-listed as: .
Term(s) Offered: All Terms, All Years

HPS 305 Introduction to the Literature/Culture 4 Credits
An introduction to Spanish and Latin American literature. This course provides students with the analytic tools that facilitate the reading and interpretation of the literature of Spain and Latin America and their representative authors. The course includes works of poetry, drama, short story, novel, and essay.
Requisites: Pre or co-req: HPS 301
Term(s) Offered: All Terms, All Years

HPS 306 Cltures&communities Spanish-Speakng Wrld 4 Credits
This interdisciplinary course familiarizes students to the varied societies of the Spanish speaking world, including Spain and a variety of Latin American countries in relation to their cultural production. By drawing on art, film, and mass media, students are able to discuss, explore, and contextualize the major themes and issues that have shaped these linguistic communities. The scope and sequence varies by semester depending on the instructor's research area-region.
Requisites: Pre-req: HPS 301
Term(s) Offered: Spring, Non Conforming

HPS 307 Spanish for the Professions 4 Credits
Designed to give students a foundation in the vocabulary of business and international trade and in the expression of basic business concepts in Spanish. Practice in presenting oral reports on business and cultural topics, in reading business reports and other texts of a cultural nature, and in writing various kinds of business correspondence, including résumés, memos, and letters. All materials are presented within a cultural context intended to expand the student's knowledge and understanding of the manners and mores of Spain and the Spanish-speaking republics of Latin America, as well as of demographic, geographic, and other data related to those nations.
Requisites: Pre or co-req: HPS 301
Term(s) Offered: Other, Non Conforming

HPS 310 History of Spanish 4 Credits
A study of the evolution (phonological, morphological, semantic, and syntactic of spoken Latin into Castilian through the reading and analysis of medieval texts. The class will also consider the major historical events (social and political that contributed to the formation of modern Spanish. Prerequisite: HPS 301 or 302, or permission of the instructor.
Requisites: Pre or co-req: HPS 301
Term(s) Offered: Other, Non Conforming

HPS 375 Study Abroad Portfolio 2 Credits
This tutorial continues the development of specific listening, speaking, reading, writing, and critical thinking skills in the target language while majors pursue their language-immersion study abroad program. Students create a portfolio remotely with frequent consultation and feedback from a faculty advisor. The study abroad portfolio is assessed for progress in the student's language learning skills and personal development.
Term(s) Offered: All Terms, All Years

HPS 390 Hispanic Studies Internship 4 Credits
A learning contract is required prior to enrollment. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

HPS 394 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

HPS 395 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: Summer, All Years

HPS 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. 45 hours of credit is required per credit.
Term(s) Offered: Summer, All Years

HPS 397 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

HPS 414 How to (make) Love in Early Modern Spain 4 Credits
This course investigates different texts that were read and/or produced in Early Modern Spain around the topics of love, gender, and sex in order to reflect on how we have loved throughout history. It looks at manuals, treatises, and diverse literary genres (poetry, narrative, and theater) that aimed to describe and/or prescribe ways of loving and ways of knowing. The goal is for students to put into practice their literary analytical skills and to reflect on everyday issues that puzzle us, weaken us, and strengthen us: love, sex, and the Other.
Requisites: Pre or co-req: HPS 305
Term(s) Offered: Spring, Odd Years

HPS 415 Early Modern Spanish Lit 4 Credits
Spanning the medieval era to the XVIII century, this course focuses on selective works of history, essay, poetry, prose, and theatre that are representative of literary periods such as Medieval, Golden Age, Baroque, and/or the Enlightenment. This class emphasizes close reading as well as contextual analysis, considering the major historical, social, and political events that contributed to each period formation.
Requisites: Pre or co-req: HPS 305

HPS 416 Pre-Hispanic Literature 4 Credits
Spanning the pre-hispanic era to the XVIII century, this course focuses on selective works of history, essay, poetry, prose, and theatre that are representative of periods like Pre-Hispanic literature, Colonial Baroque, and/or the Enlightenment. This class emphasizes close reading as well as contextual analysis, considering the major historical, social and political events that contributed to each period formation.
Requisites: Pre or co-req: HPS 305
Term(s) Offered: Other, Non Conforming

HPS 417 Afro Latin America 4 Credits
This class introduces students to the process of critical thinking through theoretical works on race and through selected historical and contemporary texts about the legacy of Africa in Latin America and the USA. This course explores the effects of race on the relationship between language and the mind and looks at the intersections of race, gender, class and sexuality as socially constructed practices. Students learn to read, think and write critically about different perspectives on being Afro-American, Afro-Caribbean, Afro-Mexican, etc. It considers why race still matters in the so-called post-racial America.
Requisites: Pre or co-req: HPS 305
Term(s) Offered: Spring, Even Years

HPS 421 Latin American Media 4 Credits
The course explores and contextualizes the historical, cultural, and industrial development of telenovelas from a once regional media object to now a globalized media phenomenon. The course's theoretical and video material will consider the performative role of emotions in shaping national constructs, as well as its effects on representations of gender, class, and political ideologies, promoted not only by the telenovela, but also by the industry it supports.
Requisites: Pre or co-req: HPS 305
Term(s) Offered: Fall, Even Years

HPS 422 Censorship & Repression in Latin America 4 Credits
The course theorizes how the ushering of modernity in Latin America resulted in state censorship and or repression. This process is exemplified through case studies on the experiences of university students in Cuba, Mexico, and Argentina in order to contextualize their role in negotiating and contesting modernity. The course draws from government documents, media, and literary texts to trace student resistance and leadership in paths to non-violence.
Requisites: Pre or co-req: HPS 305
Term(s) Offered: Fall, Non Conforming

HPS 490 Hispanic Studies Internship 4 Credits
A learning contract is required prior to enrollment. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

HPS 494 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Requisites: Pre-req: HPS 305
Term(s) Offered: All Terms, All Years

HPS 495 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. 45 hours per credit is required.
Term(s) Offered: Summer, All Years

HPS 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. 45 hours of credit is required per credit.
Term(s) Offered: Summer, All Years

HPS 497 HPS Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

History (HIS)

HIS SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience (SCE) consists of the design of a research project. It includes studies in historiographical techniques and preparation of a substantial senior thesis. During Spring Semester of the Junior year, students participate in a required course, Historical Method (HIS 399). In connection with this course, students are assigned a thesis advisor under whose supervision a prospectus, preliminary bibliography and other elements are prepared. Students who wish to be considered for departmental honors, or who are preparing for graduate study in history or related fields, should request permission to attempt an honors thesis. Candidates for thesis honors must have and maintain a 3.5 cum. GPA by Spring semester of the Junior year.
Term(s) Offered: All Terms, All Years

HIS 111 Introduction to History 4 Credits
This course introduces students to the discipline of history by exploring compelling themes or problems in history. Through study of different topics, each section instructor teaches students the core methodological skills of historical analysis and interpretation. Students are expected to appreciate differing interpretations of the same historical questions. Students study appropriate primary and secondary sources in the field and learn the basic analytical and writing skills historians use to interpret the past. Examples of topics offered include The Underground Railroad, The Invention of Childhood, American Home Front, Russian Revolution, Harry Potter's World: Renaissance Science, Magic, and Medicine, Small Worlds of Early America, and America in the 1960s.
Term(s) Offered: All Terms, All Years

HIS 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

HIS 201 History of the United States to 1865 4 Credits
A survey of United States history through the Civil War, this course begins with the history of the first residents of North America, Native Americans. Includes the founding and development of the various colonies that eventually joined to form a new nation, and the early history of that nation--political, economic, and social.
Term(s) Offered: Fall, All Years

HIS 202 History of the United States Since 1865 4 Credits
This survey of United States history starts with the Reconstruction era and traces the growth of the nation to the present. We will study how the nation was restored after the Civil War, how the United States industrialized, urbanized and became a world power in the twentieth century.
Term(s) Offered: Spring, All Years

HIS 203 Modern World History I 4 Credits
A survey of world history from roughly 1000 AD to the end of the eighteenth century. This course treats the increasing integration of world civilizations through commercial and cultural interactions and traces the emergence of Europe as a center of global economic and military power. Prominent themes include the Mongol empire, Black Death, Age of Exploration, Reformation, Gunpowder empires, Enlightenment, and French revolution.
Term(s) Offered: Fall, All Years

HIS 204 Modern World History II 4 Credits
A survey of world history in the nineteenth and twentieth centuries. The course examines the world in the age of global integration and includes such themes as the rise of republicanism and nationalism, the industrial revolution, imperialism, communism and fascism, the world wars, the Cold War and globalization, among others.
Term(s) Offered: Spring, All Years

HIS 205 Early Origins of Western Civilization I 4 Credits
Focuses on ancient societies, from Sumer through imperial Rome, whose cultures contributed to the development of western civilization. The course stresses the multiplicity of cultures that melded and conflicted in the ancient Near Eastern and Mediterranean worlds, and looks to the origins of cultural symbols that appear and reappear in the emerging Western world.
Term(s) Offered: Fall, All Years

HIS 206 Early Origins of Western Civilization II 4 Credits
Studies European society from the fall of the western Roman empire through Galileo and Newton. This course is a continuation of History 205; it builds on the assimilation of ancient culture into a multi-cultural milieu that included Roman, Germanic, Greek, Christian, Jewish and Islamic societies. It traces the development of Europe through the Middle Ages, Renaissance, Reformation and Scientific Revolution.
Term(s) Offered: Spring, All Years

HIS 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

HIS 313 17th and 18th Century America 4 Credits
The social, economic, and political structure of Colonial America; the background and development of the American Revolution; and the interaction of social and political life during the Confederation, Constitutional, and Federalist periods.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 315 The Early Republic 4 Credits
This course explores the history of the early American republic from the framing of the Constitution to the Civil War. The course investigates the clash between Hamiltonian and Jeffersonian visions, the development of party politics and a popular political culture, territorial expansion and dispossession of Native Americans, the spread of King Cotton and slavery, the transportation and market revolutions, religious revival and social reform, and the sectional conflict between North and South.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 319 African - American History 4 Credits
This course examines the history of African Americans from the colonial era to the present. We trace the Black experience from African origins through more than two centuries of enslavement to emancipation in 1865. We examine the fight for citizenship and equality during Reconstruction, the segregation era, and the civil rights movement. While including examination of the nature of racism and race relations, we are focusing particularly on Black initiative, and the role African Americans have played in all aspects of American history.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 334 The American Civil War 4 Credits
This course encompasses the U.S. Civil War (1861-1865) in all pertinent areas. In addition to military history, the course reviews significant historical interpretations of the causes and effects of the Civil War; the dimensions of social, economic, political, and diplomatic history pertaining to the war; and the evolution of war aims relating to the central issues of slavery and race relations.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 335 Reconstruction and the Gilded Age 4 Credits
The era from the end of the Civil War to the end of the nineteenth century saw some of the greatest changes in American history. We examine the rebuilding of Reconstruction from the desire to restore national unity to the attempts of individual freedmen and women to carve out new lives and rights for themselves. The era also saw a turn from Victorianism to Modernity, as industrialization, urbanization, and immigration proceeded at a rapid pace, causing tension between rural and urban people, old ways and new.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 336 Progressivism and the Twenties 4 Credits
Focuses on one of the great reform eras in American history. Beginning in the late 19th century, the Progressives pushed for women's rights, prohibition, good government, protection for workers and consumers, and more. We also look at World War I, especially the impact on the home front. We examine both the well-known side of the Twenties--economic success and high living, and the not-so-well known aspects, like the rise of the Ku Klux Klan, and anti-immigration sentiment.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Other, Non Conforming

HIS 342 Victorian America 4 Credits
Examination of American social attitudes and behavior in both the public and private spheres during the ninteenth century. Topics include marriage and the family, childhood; the individual's role in society; entertainment; race and ethnicity; religion; migration; immigration; urbanization; and reform movements.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 343 History of American Women 4 Credits
Examines the private lives and public roles of women throughout American history, from colonial settlement to the near-present. Social attitudes, laws and policies affecting women are studied, as well as women's daily lives, experiences, and accomplishments. Our focus includes women of different races, classes, and ethnic backgrounds.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 350 Empire and Papacy 4 Credits
Germany and Italy emerged as modern nations only in the nineteenth century. Both experienced turbulent internal divisions for centuries prior to their respective national unifications. A common thread bound their political difficulties, that is, the tension between two supranational ideas: The Roman Empire and the Roman Papacy. This course explores the origins and development of this conflict between the Holy Roman Emperors and the Papacy and its effect on the histories of medieval Germany and medieval Italy.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 351 Ancient Rome 4 Credits
The social, cultural, and political history of ancient Rome and its dominions, from prehistory through the decline and fall of the Roman Empire in the fifth century C.E. Topics include republican and imperial government, Rome's army and conquests, the Roman family, Roman religion, and the rise of Christianity.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Other, Non Conforming

HIS 352 Castles, Cloisters, Cathedrals, Mosques 4 Credits
This course traces the history of France and Spain from the 8th to 14th centuries from the perspective of their castles, monastic cloisters, cathedrals, and mosques. Topics include architectural structure and style; pre-modern French and Spanish history; history and regular routines of religious life; social and cultural aspects of buildings including their roles in military technology, guild organization, palatial residence, and church life.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 354 Renaissance & Reformation 4 Credits
A study of Europe in the period of 1400-1648. Cultural developments in fifteenth-century Italy are the starting point; students then explore religious and political change, and social and economic trends throughout Europe.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 355 Women in Medieval Europe 4 Credits
A seminar exploring the lives of women and their role in society from the fifth through the fifteenth centuries. Topics include legal status, economic activity, marriage and family, and women in religion. Readings include both traditional and feminist-influenced secondary works, medieval works about and for women, and the writings of medieval women themselves. Discussion is a major component of the course.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Other, Non Conforming

HIS 357 Early Islamic Civilization 4 Credits
Early Islamic civilization from its origins in Arabia to its expression in several imperial regimes in the sixteenth century (e.g. Ottoman, Mughal). We examine the creation of a Muslim community, the development of a rich and dynamic civilization, the competing claims for political and religious authoritym the forging of empires and their break-up, as well as contacts with the non-Muslim societies. Thus we study a universal religion as it was expressed and incorporated into a variety of unique cultures that differed in ethnicity, language, geography, and beliefs. Students acquire an understanding of basic vocabulary, geography, historical sources and narrative, through directed readings, lecture and class discussion.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Other, Non Conforming

HIS 360 Modern Germany 4 Credits
An examination of Central Europe from the unification of the German lands in the mid-nineteenth century through the Kaiserreich, World War I, Weimar Republic, National Socialism, Cold War division, and reunification.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 371 History of South Africa 4 Credits
This course examines the political, economic, and social history of the Republic of South Africa. Beginning with the earliest inhabitants, we trace the diversity of African life, the arrival of Europeans and the establishment of colonies, the policies of segregation and apartheid, and African resistance to them. We also assess the importance of history to individual and group identities, as well as for interpreting issues of the present.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Other, Non Conforming

HIS 381 History of Modern China 4 Credits
This course traces the history of China from roughly 1800 to the present. It devotes special attention to the development of nationalism and communism in China and China's uneasy relationship with the West. Topics include the Opium War and Taiping Rebellion, Republican era warlordism, China in the Pacific War, Maoism and the reforms of Deng Xiaoping, among others.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 383 History of Modern Japan 4 Credits
An examination of Japan from the late Tokugawa era (ca. 1800-1868) to the present. The course looks at the causes and consequences of the Meiji Restoration, Japan's rise as a modern industrial state, its struggle with democratic government, imperialist expansion, the impact of World War II on the country's subsequent political, social, and economic development, the Japanese Miracle of the 1970s, and Japan's current difficulties in confronting its past and defining its place in the twenty-first century.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 391 Russia and the Soviet Union 4 Credits
Russian political, social, economic, and cultural developments from the founding of the first eastern Slavic state to the present. The first semester treats Kievan Rus, Muscovy, and the Imperial period from Peter the Great to Alexander II. The second semester deals with the final decades of the Russian autocracy, the revolutionary movement, World War I, the revolutions of 1917, the Civil War, and the history of the Soviet Union to the end of the Gorbachev era.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Other, Non Conforming

HIS 392 Russia and the Soviet Union 4 Credits
Russian political, social, economic, and cultural developments from the founding of the first eastern Slavic state to the present. The first semester treats Kievan Rus, Muscovy, and the Imperial period from Peter the Great to Alexander II. The second semester deals with the final decades of the Russian autocracy, the revolutionary movement, World War I, the revolutions of 1917, the Civil War, and the history of the Soviet Union to the end of the Gorbachev era.
Requisites: Pre or co-req: HIS 111 or one 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

HIS 399 Historical Method 4 Credits
A study of history as a discipline. Classroom lecture and discussion on fundamental aspects of research and synthesis plus the history of historical writing. With the help of an assigned advisor, each student prepares first a prospectus and then a preliminary chapter of the eventual senior thesis in history. Both papers are presented to the class for comment and review in workshop format. Enrollment is limited to history majors.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Spring, All Years

HIS 414 Comparative Cultural Encounters 4 Credits
This seminar examines interactions among native, European, and African peoples during the initial centuries of North American colonization. Situating the American colonies within a broader Atlantic World and offering a comparative approach, the course investigates processes of cultural conflict, exchange, adaption, and transformation.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Other, Non Conforming

HIS 466 Europe in Age of Revolution, 1789-1871 4 Credits
This course provides a detailed examination of the upheavals across Europe from the 1789 revolution in France to the experiment in socialism of the Paris Commune in 1871. We pay special attention to ideological changes across the period and their relationship to the political and economic transformations that dramatically transformed the modern world. Topics of particular focus include the French revolution, the industrial revolution, romanticism, political reaction, popular movements and socialism, and the revolutions of 1848. In addition to providing students with an understanding of these topics, the course helps students develop research skills, along with critical analysis, oral presentation, and writing techniques.
Requisites: Pre-req: HIS 111 or any 200 level HIS course
Term(s) Offered: Other, Non Conforming

HIS 473 Latin American Literature as History 4 Credits
This seminar employs new and classic novels to investigate diverse trends in modern Latin American history, focusing on the insight each text offers into the land's people and institutions. Collectively, these volumes illuminate sweeping historical themes, harnessing personal stories to broad, impersonal forces and surveying a range of topics, from poverty and repression to adaptation and rebellion.
Requisites: Pre or co-req: HIS 111 or two 200 level HIS courses
Term(s) Offered: Other, Non Conforming

HIS 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

Humanities (HMN)

HMN SCE Senior Capstone Experience 2-4 Credits
The Humanities Senior Capstone Experience is an intensive research project (thesis) on a topic of the student's choice. It must draw on and include research from at least two disciplines in the Humanities and it is advised by at least two professors from these fields. Students are responsible for finding SCE advisors from among humanities faculty. Students are enrolled for four SCE credits usually in the spring of their senior year, but the SCE is a year-long project that should be started at the end of the junior year. The Capstone receives a mark of Pass, Fail, or Honors.
Term(s) Offered: All Terms, All Years

HMN 100 General Humanities 4 Credits
USED FOR TRANSFER WORK
Term(s) Offered: Other, Non Conforming

HMN 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

HMN 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

HMN 390 Humanities Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

HMN 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

HMN 395 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

HMN 396 Off-Campus Studies 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

HMN 397 Independent Studies 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

HMN 490 Humanities Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

HMN 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise.
Term(s) Offered: All Terms, All Years

HMN 495 On-Campus Studies 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

HMN 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

HMN 497 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WAC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Int'l Literatures & Cultures (ILC)

ILC SCE Senior Capstone Experience 2-4 Credits
Students majoring in ILC must complete a Senior Capstone Experience (SCE) which entails producing a thesis or other project related closely to the focus of the major. The project or thesis may be written in English or in the foreign language. Students give a formal oral presentation of the thesis or project before peers and faculty, either in English or the foreign language. ILC students are strongly urged to engage in a semester-long or summer study abroad experience. Graded Pass, Fail or Honors.
Term(s) Offered: All Terms, All Years

ILC 194 Special Topics 4 Credits
Study of a selected topic within a single national literature or culture, or a comparative study across cultures. Recent offerings include Perspectives on International Film; Food in Film, Literature and Culture; Shakespeare and Cervantes (Honors); The Big City in Literature and Film; Love and the Ideal in European Literature and Film; and The Reception of the Middle Ages.
Term(s) Offered: All Terms, All Years

ILC 195 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ILC 196 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ILC 294 Special Topics 4 Credits
Study of a selected topic within a single national literature or culture, or a comparative study across cultures. Recent offerings include Perspectives on International Film; Food in Film, Literature and Culture; Shakespeare and Cervantes (Honors); The Big City in Literature and Film; Love and the Ideal in European Literature and Film; and The Reception of the Middle Ages.
Term(s) Offered: All Terms, All Years

ILC 295 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ILC 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ILC 305 European Cinema 4 Credits
Study of European film and its history. Special attention is given to the various dimensions of film structure and criticism, with emphasis on foreign language films (with English subtitles). Selected films are viewed and analyzed.
Cross-listed as: Ilc*305/Cms*315
Term(s) Offered: Other, Non Conforming

ILC 311 Contemporary France 4 Credits
This course provides an introductory historical and cultural study of contemporary France. Students will be provided tools for cultural interpretation via critical texts and the analysis of French films and their American remakes; they will then apply them to the cultural history of France. We will explore the impact of World War II, of the student protests of May '68, and of women's emancipation movements. We will examine France's position in the world -- its past colonizing nation, it present post-colonial actions, and its multicultural identity enriched by different waves of immigration. We will study the political and economic roles of women, their place in the family, health concerns, and struggles for autonomy through works by women. This course counts toward the French major and minor if the journal entries, mid-term exam, and final paper are written in French.
Cross-listed as: FRS 311/ILC 311
Term(s) Offered: Other, Non Conforming

ILC 312 The Contemporary Francophone World 4 Credits
This course provides an introductory historical and cultural study of the contemporary Francophone world. Designed as a survey of the non-European Francophone world, it will offer for study both literary and cultural documents from the Caribbean, North Africa, Sub-Saharan Africa, and Canada. Initially students will be provided tools for cultural interpretation via critical texts, media analysis (including print and Internet sources) and the analysis of Francophone films; they will then apply them to the cultural history of the Francophone world. We will explore French colonization, the process of decolonization, and subsequent independence movements. We will examine social, political, and economic roles of both women and men, changing gender roles, and contemporary divisions of labor. Finally, we will reflect on the political, historical, and sociocultural situations of post-colonial Francophone nations. This course counts toward the French major and minor if the journal entries, mid-term exam, and final paper are written in French.
Cross-listed as: FRS 312/ILC 312
Term(s) Offered: Other, Non Conforming

ILC 313 Berlin: Symphony of a Great City 4 Credits
The course provides an overview of the cultural, sociological, political, and historical significance of Berlin. It presents a survey of its history and culture over the past century, examining how Berlin has come to stand as a symbol of the development of Germany as a whole. Discussion of selected (fictional and nonfictional) texts from specific moments in Berlin's history. Course may be taught in English or German.
Cross-listed as: GRS 313/ILC 313
Term(s) Offered: Other, Non Conforming

ILC 315 Minorites & Migration in Germany 4 Credits
The course provides an overview of the historical background to situate minorities in contemporary Germany, focusing on cultural productions (fictional, non-fictional texts, films) that contribute to the discussion about the situation of minorities in postwar Germany. We examine works that address minorities and their particular circumstances such as guestworkers, the Turkish community, Black Germans, Jews, Muslims, Aussiedler, Russian immigrants. Course may be taught in English (GRS/ILC 315) or German (GRS/ILC 316).
Cross-listed as: GRS 315/ILC 315
Term(s) Offered: Other, Non Conforming

ILC 316 Minorites & Migration in Germany 4 Credits
The course provides an overview of the historical background to situate minorities in contemporary Germany, focusing on cultural productions (fictional, non-fictional texts, films) that contribute to the discussion about the situation of minorities in postwar Germany. We examine works that address minorities and their particular circumstances such as guestworkers, the Turkish community, Black Germans, Jews, Muslims, Aussiedler, Russian immigrants. Course may be taught in English (GRS/ILC 315) or German (GRS/ILC 316).
Cross-listed as: GRS 316/ILC 316
Term(s) Offered: Other, Non Conforming

ILC 318 Cultural and Linguistic Diversity in Ed 4 Credits
This course is an examination of contemporary cultural and linguistic diversity within the United States educational environments. Special attention is given to cultural problems and issues that influence opportunities and performance in educational institutions. The basic premise of the course is that teachers play an important role in creating a positive classroom learning environment and bringing school success, especially for English language learners. Students develop understandings of the impact of culture, cultural diversity, immigration, migration, colonialism, and power on language policy and on students currently learning English as a second language.
Cross-listed as: EDU 318/ILC 318
Term(s) Offered: Fall, All Years

ILC 336 Postcolonial Literature 4 Credits
This course will investigate the impact of British colonialism, national independence movements, postcolonial cultural trends, and women's movements on the global production of literary texts in English. We will read a diverse grouping of writers including Mulk Raj Anand, Kiran Desai and Salman Rushdie from India, Jamaica Kinkaid, Una Marson, and Sam Selvon from the Caribbean, as well as the Kenyan Nugugi Thiong'o and the Zimbabwean Tsitsi Dangarembga among many others. Careful attention will be paid to ethnographic, geographic, and historical modes of understanding the multi-layered effects of colonialism and its' after effects.
Cross-listed as: Ilc336eng336
Term(s) Offered: Fall, All Years

ILC 351 Chinese Cinema: Ideology & the Box 4 Credits
Taught in English. China is a growing producer of and market for the world's films. Chinese cinematography has a long and distinguished history. This course will examine that history and how the current state of Chinese film has come to be. The content untis will deal with several broad topics rooted in some of the fundamental issues of any of the humanistic arts. The overall theme of the course will be the tension between Chinese identity and commercial success. The students will also explore the creation of proscriptive types in gender and ethnicity, the intersection between politics and film, Globalization and modernity, and the applicability of western theory to the analysis of Chinese film. In addition to regular class periods, there is one mandatory film screening per week which will be listed as an accompanying lab.
Term(s) Offered: Spring, Even Years

ILC 394 Special Topics 4 Credits
Study of a selected topic within a single national literature or culture, or a comparative study across cultures. Recent offerings include Perspectives on International Film; Food in Film, Literature and Culture; Shakespeare and Cervantes (Honors); The Big City in Literature and Film; Love and the Ideal in European Literature and Film; and The Reception of the Middle Ages.
Term(s) Offered: All Terms, All Years

ILC 395 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ILC 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ILC 397 ILC Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

ILC 494 Special Topics 4 Credits
Study of a selected topic within a single national literature or culture, or a comparative study across cultures. Recent offerings include Perspectives on International Film; Food in Film, Literature and Culture; Shakespeare and Cervantes (Honors); The Big City in Literature and Film; Love and the Ideal in European Literature and Film; and The Reception of the Middle Ages.
Term(s) Offered: All Terms, All Years

ILC 495 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ILC 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

ILC 497 ILC Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: Fall, All Years

International Studies (INT)

INT SCE Senior Capstone Experience 2-4 Credits
See description of the SCE requirement in the requirements for International Studies section. To be completed in the final semester at Washington College.
Term(s) Offered: All Terms, All Years

INT 190 International Studies Internship 4 Credits
Students may receive credit for an individualized internship at an organization that engages in substantial international activity, under the supervision of a faculty advisor. The details of the internship and associated academic requirements are specified in a learning contract by the student and advisor. For-credit internships combine work experience (at least 45 hours per credit) with scholarly readings and reflective writing. Grading is Pass/Faill.
Term(s) Offered: All Terms, All Years

INT 194 Special Topics 4 Credits
Courses offered occasionally on a special topic in International Studies that is not a part of the regular course offerings
Term(s) Offered: All Terms, All Years

INT 195 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

INT 196 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

INT 197 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

INT 290 International Studies Internship 4 Credits
Students may receive credit for an individualized internship at an organization that engages in substantial international activity, under the supervision of a faculty advisor. The details of the internship and associated academic requirements are specified in a learning contract by the student and advisor. For-credit internships combine work experience (at least 45 hours per credit) with scholarly readings and reflective writing. Grading is Pass/Faill.
Term(s) Offered: All Terms, All Years

INT 294 Special Topics 4 Credits
Courses offered occasionally on a special topic in International Studies that is not a part of the regular course offerings.
Term(s) Offered: All Terms, All Years

INT 295 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

INT 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

INT 297 Independent Study 4 Credits
Students may receive credit for an individualized course of reading and writing under the supervision of a faculty advisor. The requirements of the course will be specified in a learning contract by the student and advisor. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

INT 327 Washington Center Internship 12 Credits
A full-time, semester-long internship in Washington, DC, with a federal agency, non-profit organization, or private firm. Depending upon interest and internship placement, students may attend hearings, conduct policy research, draft correspondence, monitor legislation, lobby members of Congress, or write analytical reports. Students will create an in-depth portfolio of their internship experience. 12 credits.
Term(s) Offered: All Terms, All Years

INT 328 Washington Center Seminar 3 Credits
Washington Center interns participate in an evening seminar selected from a variety of topics offered during the semester. Students engage in class discussion and may also research seminar topics, prepare written assignments, and take examinations. Students must choose a seminar with clear international content chosen in consultation with the Director of International Studies. Required of and limited to students enrolled in International Studies 327. Three credits.
Term(s) Offered: All Terms, All Years

INT 329 Washington Center Forum 1 Credit
Washington Center Interns participate in lectures, site visits, small group discussions, briefings, and other required events designed to help them understand the connection between their academic and professional goals and the special educational opportunities available through living and working in Washington, DC. Evaluations of these experiences are included in the student portfolio. Required of and limited to students enrolled in International Studies 327. One credit.
Term(s) Offered: All Terms, All Years

INT 390 International Studies Internship 4 Credits
Students may receive credit for an individualized internship at an organization that engages in substantial international activity, under the supervision of a faculty advisor. The details of the internship and associated academic requirements are specified in a learning contract by the student and advisor. For-credit internships combine work experience (at least 45 hours per credit) with scholarly readings and reflective writing. Grading is Pass/Faill.
Term(s) Offered: All Terms, All Years

INT 394 Special Topics 4 Credits
Courses offered occasionally on a special topic in International Studies that is not a part of the regular course offerings.
Term(s) Offered: All Terms, All Years

INT 395 Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Students may earn P/F or letter grades. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

INT 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Students may earn P/F or letter grades. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

INT 397 Independent Study 4 Credits
Students may receive credit for an individualized course of reading and writing under the supervision of a faculty advisor. The requirements of the course will be specified in a learning contract by the student and advisor. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

INT 401 International Studies Seminar 4 Credits
This course is designed to help students to consider in depth their off-campus experiences as an International Studies major and to draw connections among inter-disciplinary courses required of the major. The nature of theory, its application to International Studies, and problems involved in defining this field of study and in developing empirical methods for it are analyzed. Special attention is given to anthropological, economic, historical, and political approaches to International Studies, as well as to approaches that include textual analysis (including foreign language texts). The seminar also provides students with an opportunity to discuss topics for their senior theses. This course is required for, and limited to, senior International Studies majors.
Requisites: Pre or co-req: POL 104
Cross-listed as: INT 491/INT 494
Term(s) Offered: Fall, All Years

INT 490 International Studies Internship 4 Credits
Students may receive credit for an individualized internship at an organization that engages in substantial international activity, under the supervision of a faculty advisor. The details of the internship and associated academic requirements are specified in a learning contract by the student and advisor. For-credit internships combine work experience (at least 45 hours per credit) with scholarly readings and reflective writing. Grading is Pass/Faill.
Term(s) Offered: All Terms, All Years

INT 494 Special Topics 4 Credits
Courses offered occasionally on a special topic in International Studies that is not a part of the regular course offerings.
Term(s) Offered: All Terms, All Years

INT 495 Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Students may earn P/F or letter grades. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

INT 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Students may earn P/F or letter grades. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

INT 497 Independent Study 4 Credits
Students may receive credit for an individualized course of reading and writing under the supervision of a faculty advisor. The requirements of the course will be specified in a learning contract by the student and advisor. 45 hours per credit is required.
Term(s) Offered: All Terms, All Years

Mathematics (MAT)

MAT SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience in mathematics consists of two components: a senior thesis and either an oral presentation of the thesis in front of the faculty and majors at seminar, or a poster presentation. Comprehensive exams may be offered in place of a traditional senior thesis. The Senior Capstone Experience in mathematics is graded as Pass, Fail, or Honors. Students must do a thesis and make an oral presentation to earn the grade of honors.
Term(s) Offered: All Terms, All Years

MAT 102 Chaos and Fractals 4 Credits
This course is an introduction to the rapidly developing science of complexity. It is a discussion of the tools-fractals, chaos, and self-organization-being refined for the purpose of understanding such things as the fractured and irregular structures of Nature, surprise and unpredictability, and the emergence of lifelike properties from inanimate matter. The theme of the course is that complexity can arise from simple origins, such as the repeated application of elementary processing rules. The course emphasizes the use of the computer for visualization. Practical application of these ideas in medicine and engineering will be discussed, as will examples of the connections between complexity in the sciences and that in the humanities and the arts.
Cross-listed as: MAT 120/MAT 102
Term(s) Offered: Other, Non Conforming

MAT 104 Finite Mathematics 4 Credits
Linear programming, matrices, sets and counting, Markov process, difference equations, and graphs. The course emphasizes developing, analyzing, and interpreting mathematical models.
Term(s) Offered: Other, Non Conforming

MAT 105 Communication, Patterns & Inventions 4 Credits
This course is designed for students in the Elementary Education Certification Program and for students planning to complete the Secondary Education Certification Program in an area other than mathematics. The framework of the course consists of four themes: Number Systems and their Operations, Algebra and Functions, Geometry and Measurement, Data Analysis, Statistics, and Probability. Emphasis throughout is on reasoning and problem-solving using concepts and procedures from all four areas. Substantial amounts of both reading and writing is required and students are expected to demonstrate both orally and in writing a thorough understanding of the concepts and the ability to communicate this understanding to others.
Cross-listed as: MAT 105/MAT 221
Term(s) Offered: Other, Non Conforming

MAT 106 Stretch Differential Calculus I 4 Credits
Analytic geometry, the derivative and differential, elementary functions, limits, continuity, and applications. This course is part 1 (of 2) of a yearlong sequence in differential calculus. At the end of this two-course sequence, students tackle all the topics above included in differential calculus. Completion of this year-long sequence is equivalent to completion of MAT 111: Differential Calculus. Please note, Pre-Calculus placement score must be less than 50 to take this course. Also note, MAT 106 and MAT 107 can be counted as a two-course quantitative sequence for distribution, but MAT 106 and 107 do not count as a quantitative course otherwise.
Term(s) Offered: Fall, All Years

MAT 107 Stretch Differential Calculus II 4 Credits
This course is the second semester of a year-long sequence in Differential Calculus. Topics in this course include trigonometry, derivatives of trigonometric functions, conic sections, implicit differentiation, and limits at infinity. The semester concludes with the Fundamental Theorem of Calculus. Throughout the semester, students work on a project involving Calculus, culminating in a final paper and a presentation. Completion of this year-long sequence is equivalent to completion of MAT 111: Differential Calculus. Also note, MAT 106 and MAT 107 can be counted as a two-course quantitative sequence for distribution, but MAT 106/107 does not count as a quantitative course otherwise.
Requisites: Pre-req: MAT 106
Term(s) Offered: Spring, All Years

MAT 109 Statistical Inference & Data Analysis I 4 Credits
Introduction to the theory and practice of data analysis and statistics in the natural and social sciences. Statistical software will be used. Topics will include data ethics, sampling, experimental design, descriptive statistics, conditional probability, the normal distribution, simple linear regression, confidence intervals, hypothesis tests, and decisions.
Cross-listed as: .
Term(s) Offered: All Terms, All Years

MAT 111 Differential Calculus 4 Credits
Analytic geometry, the derivative and differential, elementary functions, limits, continuity, and applications. Prerequisite: It is strongly recommended that a student should have strong algebra and trigonometric skills before taking this course.
Cross-listed as: MAT 111/MAT 201
Term(s) Offered: All Terms, All Years

MAT 112 Integral Calculus 4 Credits
The indefinite integral, the definite integral, the fundamental theorem of the integral calculus, sequences, series, and applications.
Requisites: Pre-req: MAT 111 or MAT 106 and MAT 107
Cross-listed as: MAT 202/MAT 112
Term(s) Offered: All Terms, All Years

MAT 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MAT 195 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.

MAT 196 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

MAT 197 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

MAT 209 Statistical Inference & Data Analysis II 4 Credits
A continuation of the theory and practice of data analysis and statistics in the natural and social sciences. Use of statistical software constitutes a significant part of this course. Common statistical mistakes and the careful and ethical application of statistical methods are emphasized. Topics include experimental design, multivariate linear regression, non-parametric and parametric inference, power calculations, logistic regression, chi-squared tests, and ANOVA.
Requisites: Pre-req: MAT 109
Cross-listed as: -
Term(s) Offered: Spring, All Years

MAT 210 Multivariable Calculus 4 Credits
Vectors, partial derivatives, and multiple integrals for functions of several variables. Line and surface integrals.
Requisites: Pre-req: MAT 112
Cross-listed as: MAT 203/MAT 210
Term(s) Offered: Fall, All Years

MAT 220 Data Science 4 Credits
The heart of data science is going from a deluge of numbers to ever-elusive insight. In this introduction we focus on first principles: asking good questions, being aware of our assumptions, and understanding what it means to do good science. Topics include exploratory analysis/descriptive statistics, statistical testing, and data visualization. The course concludes with an introduction to recent data-driven machine learning models. We discuss ethical issues pertaining to data and machine learning throughout the course, using current events and articles as they arise. The course is both math and programming intensive, although in a heavily applied manner.
Requisites: Pre-req: CSI 111
Cross-listed as: CSI 220/MAT 220
Term(s) Offered: Fall, All Years

MAT 230 Foundations of Geometry 4 Credits
A critical study of the basic concepts of geometry. This course begins with an axiomatic approach to Euclidean geometry which includes careful proofs of its principal theorems. The course will continue with an examination of various types of non-Euclidean geometries which may include spherical geometry, projective geometry, and/or hyperbolic geometry.
Requisites: Pre-req: MAT 112
Term(s) Offered: Other, Non Conforming

MAT 240 Discrete Mathematics 4 Credits
An introduction to logic, reasoning, and the discrete mathematical structures that are important in computer science. Topics include proposition logic, types of proof, induction and recursion, sets, combinatorics, functions, relations, and graphs.
Requisites: Pre-req: MAT 111 or CSI 111
Cross-listed as: MAT 240/CSI 240
Term(s) Offered: All Terms, All Years

MAT 252 Scientific Modeling & Data Analysis 4 Credits
This course serves as a focused introduction to programming for scientists and engineers. Topics include algorithm development, statistical tests, the fast Fourier transform (FFT), simulating the dynamics of systems represented by coupled ordinary differential equations (e.g. planetary motion via Runge-Kutta methods), numerical integration, root finding, fitting functions to experimental data, and the creation of publication-quality graphics. Students choose and complete an independent research project on a topic related to their major. This course enables students to integrate computation into advanced courses in theoretical and/or experimental science. Programming language: Python.
Requisites: Pre or co-req: MAT 112
Cross-listed as: PHY 252/MAT 252/CSI 252
Term(s) Offered: Spring, All Years

MAT 280 Linear Algebra 4 Credits
An introduction to linear algebra balancing computation and the reading, understanding, and writing of mathematical proofs. A selection of topics from systems of linear equations, matrices, vector spaces, bases, dimension, linear transformations, determinants, eigenvalues, change of basis, matrix representations of linear transformations, matrix decompositions, and applications of linear algebra. It is recommended that students take MAT 240 before this course.
Requisites: Pre-req: MAT 240, CSI 240 OR MAT 111
Cross-listed as: MAT 325/MAT 280
Term(s) Offered: Spring, All Years

MAT 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MAT 295 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.

MAT 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

MAT 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

MAT 310 Differential Equations 4 Credits
Elementary methods for the solution of ordinary differential equations, including the expansion of the solution in an infinite series.
Requisites: Pre-req: MAT 112
Cross-listed as: MAT 310/MAT 345
Term(s) Offered: Spring, All Years

MAT 320 Probability 4 Credits
Events and their probabilities, dependence, and independence. Bayes Theorem. Variates and expected values. Theorems of Bernoulli and De Moivre. Special distributions. Central limit theorem and applications.
Requisites: Pre-req: MAT 112
Cross-listed as: MAT 318/MAT 320
Term(s) Offered: Other, Non Conforming

MAT 330 Complex Analysis 4 Credits
Theory of functions of a complex variable, including applications to problems in the theory of functions of a real variable. Cauchy's Integral Formula and its application to the calculus of residues.
Requisites: Pre-req: MAT 240
Cross-listed as: MAT 316/MAT 330
Term(s) Offered: Other, Non Conforming

MAT 340 Numerical Analysis 4 Credits
This course introduces techniques for approximating solutions to various mathematical problems that are either computationally challenging or impossible to solve via direct methods. Topics to be covered include error analysis, interpolation and extrapolation, numerical differentiation and integration, and iterative methods for solving systems of equations and eigenvalue problems.
Requisites: Pre-req: MAT 112
Cross-listed as: MAT 340/CSI 340
Term(s) Offered: Other, Non Conforming

MAT 350 Graph Theory & Combinatorics 4 Credits
This course introduces elementary combinatorial techniques used to enumerate large but finite discrete sets, including some of the following: permutations, the binomial theorem, partitions, bijections, and well-known sequences. It also presents the fundamentals of graph theory: trees, networks, paths and connectivity, matchings, colorings, and optimization algorithms. There is a significant proof-writing component plus computations and opportunities for coding.
Requisites: Pre-req: CSI 240
Cross-listed as: CSI 350/MAT 350
Term(s) Offered: Other, Non Conforming

MAT 370 Operations Research 4 Credits
This course tackles challenges that arise in the functioning (operations) of a complex organization, and then works to formulate, analyze, and solve corresponding mathematical decision models. Some of these challenges might involve distributing tasks among processes competing for limited resources, arranging transportation between hubs to minimize cost, or scheduling employees' shifts to meet demands while lowering payroll costs. We develop mathematical and computational tools, understand how they work, and explore some of their historic usage in industry. Topics include some combination of: linear programming & the simplex method; transportation & assignment problems; network models; dynamic programming; integer programming.
Requisites: Pre-req: CSI 240 or MAT 280
Cross-listed as: Mat 370/CSI 370
Term(s) Offered: Other, Non Conforming

MAT 380 Number Theory 4 Credits
Factorization of integers. Congruences and residue classes. Theorems of Euler, Fermat, Wilson, and Gauss. Primitive roots. Quadratic residues and the reciprocity theorem.
Requisites: Pre-req: MAT 240
Cross-listed as: MAT 380/MAT 360
Term(s) Offered: Other, Non Conforming

MAT 390 Mathematics Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MAT 391 Junior Math Major Seminar I 1 Credit
Open to mathematics majors only. Weekly meetings of the majors and faculty in the department are scheduled to provide information about careers, graduate school, thesis topics, and research areas, as well as to prepare each major to make presentations of problem solutions and to make the required presentation on the thesis. All junior mathematics majors are enrolled in the seminar and will receive a pass/fail grade at the end of the semester. Junior standing, and permission of the Department.
Term(s) Offered: Fall, All Years

MAT 392 Junior Math Major Seminar II 1 Credit
Open to mathematics majors only. Weekly meetings of the majors and faculty in the department are scheduled to provide information about careers, graduate school, thesis topics, and research areas, as well as to prepare each major to make presentations of problem solutions and to make the required presentation on the thesis. All junior mathematics majors are enrolled in the seminar and will receive a pass/fail grade at the end of the semester. Junior standing, and permission of the Department.
Term(s) Offered: Spring, All Years

MAT 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MAT 395 Summer Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.

MAT 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

MAT 397 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

MAT 410 Abstract Algebra 4 Credits
Introduction to groups, rings and fields. Other topics may include integral domains, polynomial rings, and fields.
Requisites: Pre-req: MAT 240, MAT 280
Cross-listed as: MAT 322/MAT 410
Term(s) Offered: Fall, Odd Years

MAT 470 Real Analysis I 4 Credits
A rigorous treatment of single-variable calculus. A selection of topics from the properties and the topology of the real numbers, sequences, series, continuity, differentiation, and Riemann integration.
Requisites: Pre-req: MAT 210 and MAT 240 or 280
Cross-listed as: MAT 311/MAT 470
Term(s) Offered: Fall, Even Years

MAT 480 Real Analysis II 4 Credits
A continuation of Real Analysis II. Topics selected according to student and instructor interest. Topics could include analysis in metric spaces, analysis in n-dimensional space, Fourier analysis, functional analysis, measure theory, and Lebesgue integration. Suitable for engineers, chemists, physicists, economists, and mathematicians.
Requisites: Pre-req: MAT 470
Term(s) Offered: Other, Non Conforming

MAT 490 Mathematics Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MAT 491 Senior Math Major Seminar I 1 Credit
Open to mathematics majors only. Senior students make a presentation of a preliminary outline of their capstone project in the fall semester and present a report on the completed capstone project in the spring. All senior mathematics majors are enrolled in the seminar and receive a pass/fail grade at the end of the semester.
Requisites: Pre-req: MAT 391, MAT 392
Term(s) Offered: Fall, All Years

MAT 492 Senior Math Major Seminar II 1 Credit
Open to mathematics majors only. Senior students make a presentation of a preliminary outline of their capstone project in the fall semester and present a report on the completed capstone project in the spring. All senior mathematics majors are enrolled in the seminar and receive a pass/fail grade at the end of the semester.
Term(s) Offered: Spring, All Years

MAT 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MAT 495 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.

MAT 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

MAT 497 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

Music (MUS)

MUS SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience may be fulfilled by writing an extensive research paper or an extended composition; by presenting a research paper in conjunction with a lecture recital; by performing an hour-long solo recital; or by combining a half recital with a research paper.
Term(s) Offered: All Terms, All Years

MUS 100 Introduction to Music 4 Credits
An introduction to music including the study of notation, the basic elements of music theory, terminology, instrumentation, form, and the basic style periods. Representative works are examined, and the aesthetics of music are considered. Intended for students with little or no background in music.
Term(s) Offered: All Terms, All Years

MUS 104 Intro to World Music & Ethnomusicology 4 Credits
An introduction to music of the world, including popular, folk, religious and classical traditions. Explores the way ethnomusicologists organize and analyze knowledge about the world, while investigating the ways music acquires meaning in performances that are socially, historically, and culturally situated.
Cross-listed as: MUS 104/ANT 104
Term(s) Offered: All Terms, All Years

MUS 106 Rock, Pop, and American Culture 4 Credits
An examination of popular music in America from the 1830s through the modern day. With a particular emphasis being placed on the 1950s and 1960s, students will develop an understanding of the cultural, political, and economic forces of these eras and will examine how popular music history intersects with all aspects of American history and culture. This course also examines several important threads in popular music history, including the ever-present, but ever changing, role of race relations, the impact of evolving technologies, and the history of the music industry. In addition to reading the assigned textbook, students are also asked to watch/listen to important archival performances, televised interviews with notable musicians, radio interviews with scholars of popular culture, and other relevant primary sources.
Term(s) Offered: All Terms, Non Conforming

MUS 131 Music Theory I 4 Credits
The basic goal in music theory courses is to focus on the growth and development in the areas of comprehension, skills, and creativity. The academic approach is to study and apply principles of melodic, harmonic, contrapuntal and formal structures, which are basic to musical composition and essential to the serious musician. The lecture portion of this course will focuses on the elements of diatonic harmony through part-writing, formal analysis, and composition. The ear-training portion focuses on the development of intervals, triads, rhythmic study/dictation, melodic dictation, and sight-singing. Recommended for participants in performance groups.
Term(s) Offered: Fall, All Years

MUS 132 Music Theory II 4 Credits
As a continuation of MUS 131, Music Theory II continues the development of music comprehension through theory lectures/exercises and aural skills training. The lecture portion of this course focuses on part writing, the study of diatonic harmony, and formal analysis. The ear-training portion of this course focuses on the continuation and development of intervals, triads, seventh chords, melodic dictation, harmonic dictation, rhythmic dictation, as well as sight-singing and rhythmic studies. Recommended for participants in performance groups. Prerequisite: MUS 131 (Students who have a strong background in theory may take an examination to receive advanced standing and exemption from this prerequisite).
Requisites: Pre-req: MUS 131
Term(s) Offered: Spring, All Years

MUS 135 Class Piano I 2 Credits
Class Piano I introduces the art of piano playing through establishing fundamentals in proper piano technique and facility. Simplified classical and popular literature is taught in conjunction with fundamental music theory, technique, rhythmic exercises, and sight-reading. This class is designed for students who have never played the piano and have no prior formal piano study.
Term(s) Offered: All Terms, All Years

MUS 136 Class Guitar I 2 Credits
Class Guitar I offers group instruction in the fundamental principles of playing the guitar. Students are introduced to a variety of styles and techniques for the guitar and learn to read standard notation and tablature. Course goals are to develop and improve technical skills and musicality, while gaining a deeper understanding of music theory, fretboard harmony, and performance practice of various stylistic periods and musical genres. No prior experience is required.
Term(s) Offered: All Terms, All Years

MUS 194 Special Topics 4 Credits
A period course in music history or an offering in some other specific area of interest, such as conducting, composition, or independent research.
Term(s) Offered: All Terms, All Years

MUS 203 History Western MUS: Ancient to Baroque 4 Credits
An examination of music in Western culture from its roots in ancient Greece to 1750. This course covers the Ancient, Medieval, Renaissance, and Baroque periods of music history. Areas of focus include the transformation of musical language and form, notions of musical creativity, music and politics, and the sociology of listening. These themes will are explored through close readings and analyses of significant musical, literary and philosophical works. This course requires that students have an advanced knowledge in reading and writing music notation.
Term(s) Offered: All Terms, Non Conforming

MUS 204 History Western MUS: Classical-Romantic 4 Credits
An examination of music in Western culture from the end of the Classical to the Romantic periods. Areas of focus include the transformation of musical language and form, notions of musical creativity, music and politics, and the sociology of listening. These themes are explored through close readings and analyses of significant musical, literary and philosophical works. This course requires that students have anadvanced knowledge in reading and writing music notation.
Term(s) Offered: All Terms, Non Conforming

MUS 205 History Western Music: Music Since 1900 4 Credits
An examination of music in Western culture since 1900. This course covers Impressionism, Modalism, Expressionism, Free Atonality, Modernism, Neoclassicism, Nationalism, Minimalism, and Postmodernism. Areas of focus include the transformation of musical language and form, notions of musical creativity, music and politics, and the sociology of listening. These themes are explored through close readings and analyses of significant musical, literary and philosophical works. This course requires that students have an advanced knowledge in reading and writing music notation.
Term(s) Offered: All Terms, Non Conforming

MUS 206 Jazz History 4 Credits
Jazz is both a uniquely American style as well as an international collaboration. Beginning with an examination of the roots and antecedents of jazz in the mid-1800s, students learn the artistic contributions of many notable instrumentalists, vocalists, bandleaders and arrangers. Particular emphasis is placed upon understanding the musical and social forces that influenced each artist, and the role of each artist in encouraging innovation and development within this art form. Prior musical experience is not required.
Term(s) Offered: All Terms, Non Conforming

MUS 231 Music Theory III 4 Credits
Upon completion of Music Theory I and II, students have gained a basic knowledge of diatonic harmony. Music Theory III delves into more advanced topics addressing diatonic and chromatic harmonies, as well as large-scale form. The lecture portion of this course focuses on more advanced work in diatonic harmony, including applied chords, modulation, form, modal mixture, and other chromatic harmony. This is accomplished through part-writing, formal analysis, and composition. The ear-training portion will focus on the continued development of intervals, triads, rhythmic study/dictation, melodic dictation, harmonic dictation, and sight-singing.
Requisites: Pre-req: MUS 132
Term(s) Offered: Fall, All Years

MUS 233 Conducting I 2 Credits
A study of basic conducting skills, score reading, rehearsal techniques, and the elements of arranging.
Term(s) Offered: All Terms, Non Conforming

MUS 234 Creative Process 4 Credits
This course gives an overview of major topics in creativity: the pleasures and pitfalls as well as effective strategies to use in creative work. Each week we tackle another issue and explore ways to approach creativity in the broadest sense. At the same time students work on self-directed projects throughout the semester (largely outside of class time), submit weekly progress updates, and periodically share with the class. By the end of the semester students have a range of tools and hands-on experiences to return to again and again in their future creative work.Prerequisite: One course of Studio Art, Music, Theatre, Dance, or Creative Writing, or permission of the instructor.
Requisites: Pre-req: One course of Studio Art, MUS, THE, DAN, or Creative Writing
Cross-listed as: Art 277/MUS 234/THE 233
Term(s) Offered: Spring, All Years

MUS 235 Class Piano II 2 Credits
Class Piano II teaches the art of piano playing through establishing fundamentals in proper piano technique and facility. This course is a continuation of Class Piano I and is designed for students who already possess basic piano skills. Intermediate level classical and popular literature is taught in conjunction with fundamental music theory, technique, rhythmic exercises, and sight-reading.
Requisites: Pre-req: MUS 135
Term(s) Offered: All Terms, All Years

MUS 236 Class Guitar II 2 Credits
Class Guitar II offers Intermediate/advanced group guitar instruction. In a group setting, students learn music from various stylistic periods and genres and continue to develop technical and musical skills on the guitar.
Requisites: Pre-req: MUS 136
Term(s) Offered: All Terms, All Years

MUS 238 Musical Theater Practicum 2 Credits
This course provides an opportunity for singer-actors to develop the skills to be successful performers, practitioners, and directors in the world of musical theater. The class format is hands-on and practicum based. It is highly interactive, requiring students come to each class session prepared to sing, act, and critique one another. Additionally, students are expected to participate in one or more performances. These may include a Cabaret, a concert production of a musical, a staged reading of a musical, or a full-blown production, with staging, scenery, costumes, and lights.
Term(s) Offered: All Terms, All Years

MUS 251 Applied Music: Voice 1 Credit
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. One hour of daily practice per half-hour lesson is expected. All 200-level courses in applied music are one credit. There is an additional fee of $360 for each applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 30-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $360 Music Course Fee

MUS 253 Applied Music: Piano 1 Credit
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. One hour of daily practice per half-hour lesson is expected. All 200-level courses in applied music are one credit. There is an additional fee of $360 for each applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 30-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $360 Music Course Fee

MUS 255 Applied Music: Woodwinds 1 Credit
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. One hour of daily practice per half-hour lesson is expected. All 200-level courses in applied music are one credit. There is an additional fee of $360 for each applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 30-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $360 Music Course Fee

MUS 257 Applied Music: Guitar/Lute 1 Credit
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. One hour of daily practice per half-hour lesson is expected. All 200-level courses in applied music are one credit. There is an additional fee of $360 for each applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 30-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $360 Music Course Fee

MUS 259 Applied Music: Brass 1 Credit
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. One hour of daily practice per half-hour lesson is expected. All 200-level courses in applied music are one credit. There is an additional fee of $360 for each applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 30-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $360 Music Course Fee

MUS 261 Applied Music: Strings 1 Credit
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. One hour of daily practice per half-hour lesson is expected. All 200-level courses in applied music are one credit. There is an additional fee of $360 for each applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 30-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $360 Music Course Fee

MUS 263 Applied Music: Percussion/Drum Set 1 Credit
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. One hour of daily practice per half-hour lesson is expected. All 200-level courses in applied music are one credit. There is an additional fee of $360 for each applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 30-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $360 Music Course Fee

MUS 265 Applied Music: Composition 1 Credit
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. One hour of daily practice per half-hour lesson is expected. All 200-level courses in applied music are one credit. There is an additional fee of $360 for each applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 30-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $360 Music Course Fee

MUS 266 Pan Pipe Ensemble 1 Credit
This ensemble focuses on learning to perform the panpipe music of South American Andean communities, a diverse culture comprising the South American countries of Bolivia, Columbia, Ecuador, and Peru. Open to all. No prior musical experience required.
Term(s) Offered: All Terms, All Years

MUS 277 Washington College Symphonic Band 1 Credit
The Symphonic Band studies and performs concert band and wind ensemble music from various musical periods. Membership is open to qualified students.
Term(s) Offered: All Terms, All Years

MUS 278 Steel Pan Ensemble 1 Credit
The Washington College Steel Band (Steel Revolution) offers students an opportunity to explore the Trinidadian steel band tradition, as well as classical and popular arrangements and transcriptions. Students learn to perform on steel band instruments and study the social, historical, and cultural context of the ensemble. Readings, recordings, and video viewings supplement in-class instruction. The ensemble will present public performances.
Term(s) Offered: All Terms, All Years

MUS 279 Japanese Music Ensemble 1 Credit
By the Edo period (1603-1868), three instruments had emerged from various directions to become popular among the Japanese people. The koto, a 13-string zither, the shamisen, a 3-string banjo-like instrument, and the shakuhachi, a Zen Buddhist bamboo flute. In this new ensemble, students are introduced to these instruments, and have the opportunity to research, write about, and learn how to perform on an instrument of the student's choice. Students also learn the unique notation systems of each instrument and gain a deep understanding of Japanese traditional arts in relation to the social, ideological, and cultural development of Japanese traditional aesthetics.
Term(s) Offered: All Terms, All Years

MUS 281 W.C. Jazz Ensemble 1 Credit
The Jazz Ensemble presents programs each semester and plays at various College functions throughout the year. Membership is open to qualified students.
Term(s) Offered: All Terms, All Years

MUS 283 Washington College Chorus 1 Credit
The College Chorus performs music from all principal style periods. Membership is open to all students.
Term(s) Offered: All Terms, All Years

MUS 285 W.C. Early Music Consort 1 Credit
The Early Music Consort is an instrumental ensemble that performs music from the Middle Ages, Renaissance, and Baroque eras on period instruments. Membership is open to qualified students.
Term(s) Offered: All Terms, All Years

MUS 289 W.C. Afro-Cuban Ensemble 1 Credit
The ensemble focuses primarily on Cuban drum and song traditions associated with rumba and Santeria. Musical literacy is not a requirement; instead, rhythms and melodies will be transmitted via the oral traditions that are prevalent in Cuba. Membership is open to all students.
Term(s) Offered: All Terms, All Years

MUS 290 Music Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours are required for each credit. Students must be enrolled in the course, prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MUS 291 Washington College String Orchestra 1 Credit
The String Orchestra studies and performs orchestral music from various musical periods. Membership is open to qualified students.
Term(s) Offered: All Terms, All Years

MUS 294 Special Topics 4 Credits
A period course in music history or an offering in some other specific area of interest, such as conducting, composition, or independent research.
Term(s) Offered: All Terms, All Years

MUS 295 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

MUS 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

MUS 297 Independent Study 4 Credits
Term(s) Offered: All Terms, All Years

MUS 313 Music of Latin America 4 Credits
Students are introduced to ethnomusicological theory and method, while focusing on the musical practices of selected regions in South and Central America and the Caribbean. Folk, ritual, popular, and art/classical traditions are examined in the contexts of cultural issues such as belief systems, politics, aesthetics, and identity.
Cross-listed as: MUS 313/ANT 313
Term(s) Offered: All Terms, Non Conforming

MUS 314 Music of Asia 4 Credits
Using selected musical areas from Asia, this course introduces and reinforces the basic concepts of ethnomusicology and trains students to develop listening and musicological analytical skills. We examine folk, ritual, popular, and art/classical traditions in the contexts of cultural issues, such as belief systems, politics, aesthetics, and identity.
Term(s) Offered: All Terms, Non Conforming

MUS 327 Music, Ritual and Early Christianity 4 Credits
Using music, ritual, and liturgical analyses, this course investigates the historical, social, political, and intellectual circumstances that led to the eventual success of Christianity as a major religion of the world. Examples are drawn from Eastern Orthodoxy and Catholicism.
Cross-listed as: PHL 327/MUS 327
Term(s) Offered: All Terms, Non Conforming

MUS 329 Cuba Music and Culture 4 Credits
This course introduces students to anthropological, ethnomusicological, and ethnochoreological ethnographic fieldwork methods, including participant observation, ethnographic interviews, and audio/video documentation techniques. Students are exposed to both Afro-Cuban religious and Cuban popular expressive forms. Students learn about the interrelatedness of music, dance, visual arts, ritual, and religious beliefs, as well as Cuban views on Cuban culture, gender, and race. Students attend/observe both formal and informal music performances and take music and dance lessons where they will have an opportunity to engage musicians on a one-on-one basis. In addition to music-oriented activities, students learn about Cuba's cultural and economic history by exploring Havana's rich museums, monuments, and plazas. By permission of the instructor.
Cross-listed as: ANT 329/MUS 329/DAN 329
Term(s) Offered: Winter, All Years
Fees: $3,600 Cuba Experience

MUS 331 Analytical Technique 4 Credits
A study of the principles of musical organization through analysis of compositions from diverse periods in music history.
Requisites: Pre-req: MUS 231
Term(s) Offered: Other, Non Conforming

MUS 332 Music Technology 4 Credits
A study of a variety of technologies associated with music recording, post-production, performance and composition. Students will become familiar with advanced software, a variety of recording equipment, and MIDI peripherals. Potential students must first demonstrate competency as an instrumental or vocal performer.
Term(s) Offered: All Terms, Non Conforming

MUS 333 Conducting II 2 Credits
Advanced study of conducting skills, score reading, and rehearsal techniques.
Requisites: Pre-req: MUS 233
Term(s) Offered: All Terms, Non Conforming

MUS 375 Arts Administration 4 Credits
This course explores various aspects of leadership, management, and entrepreneurship for the visual and performing arts. Students learn how arts organizations define themselves, make decisions, and plan for the future. Topics may include: leadership & governance, mission & strategy, program planning & evaluation, intellectual property & contracting, marketing & public relations, and/or budgeting & fundraising. This course has no curricular prerequisite, but requires a baseline interest in and understanding of the arts.
Cross-listed as: ART 375/BUS 375/MUS375/THE375
Term(s) Offered: Spring, Odd Years

MUS 390 Music Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours are required for each credit. Students must be enrolled in the course, prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MUS 394 Special Topics 4 Credits
A period course in music history or an offering in some other specific area of interest, such as conducting, composition, or independent research.
Term(s) Offered: All Terms, All Years

MUS 395 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

MUS 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

MUS 400 Music Practicum 0 Credits
This course provides experiential learning for majors and minor through participation in music department events. By enrolling in this course, students commit to completing all required activities during the indicated semester. Course requirements are clearly outlined by the instructor(s) at the beginning of the semester. These requirements typically include: attendance at concerts, attendance at department-sponsored lectures/masterclasses, and attending general information meetings. This is a zero-credit course and is graded pass/fail. Majors must enroll in and pass the course four times; minors must enroll and pass twice.
Term(s) Offered: All Terms, All Years

MUS 406 Theory and Method in Ethnomusicology 4 Credits
This course examines the formation of the discipline of ethnomusicology through a survey of its history, theory, and methodology. Students read and discuss the works of major scholars in the field and examine the interdisciplinary nature of ethnomusicology, particularly its relationship with historical musicology, anthropology, folklore, linguistics, and cultural studies. Research projects complement theoretical discussions and technical activities associated with the field such as fieldwork, ethnography, historical research, and transcription.
Requisites: Pre or co-req: ANT 104 or ANT 105
Term(s) Offered: All Terms, Non Conforming

MUS 430 Orchestration and Arranging 4 Credits
A study of the fundamentals of instrumentation, orchestration, and arranging.
Requisites: Pre-req: MUS 132
Term(s) Offered: Spring, Non Conforming

MUS 451 Applied Music: Advanced Voice 2 Credits
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. Two hours of daily practice per hour lesson is expected. All 400-level courses in applied music are two credits. There is an additional fee of $720 for each 400-level applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 60-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $720 Music Course Fee

MUS 453 Applied Music: Advanced Piano 2 Credits
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. Two hours of daily practice per hour lesson is expected. All 400-level courses in applied music are two credits. There is an additional fee of $720 for each 400-level applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 60-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $720 Music Course Fee

MUS 455 Applied Music: Adv Woodwinds 2 Credits
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. Two hours of daily practice per hour lesson is expected. All 400-level courses in applied music are two credits. There is an additional fee of $720 for each 400-level applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 60-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $720 Music Course Fee

MUS 457 Applied Music: Advanced Guitar/Lute 2 Credits
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. Two hours of daily practice per hour lesson is expected. All 400-level courses in applied music are two credits. There is an additional fee of $720 for each 400-level applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 60-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $720 Music Course Fee

MUS 459 Applied Music: Advanced Brass 2 Credits
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. Two hours of daily practice per hour lesson is expected. All 400-level courses in applied music are two credits. There is an additional fee of $720 for each 400-level applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 60-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $720 Music Course Fee

MUS 461 Applied Music: Advanced Strings 2 Credits
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. Two hours of daily practice per hour lesson is expected. All 400-level courses in applied music are two credits. There is an additional fee of $720 for each 400-level applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 60-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $720 Music Course Fee

MUS 463 Applied Music: Advanced Percussion/Drum 2 Credits
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. Two hours of daily practice per hour lesson is expected. All 400-level courses in applied music are two credits. There is an additional fee of $720 for each 400-level applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 60-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $720 Music Course Fee

MUS 465 Applied Music: Advanced Composition 2 Credits
Instruction in applied music solves technical problems, develops knowledge of the literature, and teaches performance techniques. Two hours of daily practice per hour lesson is expected. All 400-level courses in applied music are two credits. There is an additional fee of $720 for each 400-level applied music course. Music majors are exempted from paying this fee. This course consists of a weekly 60-minute individual lesson and is open to all students.
Term(s) Offered: All Terms, All Years
Fees: $720 Music Course Fee

MUS 475 W.C. Jazz Combo 1 Credit
The Washington College Jazz Combo allows advanced jazz students to perform various styles of jazz literature, including standards, original compositions and arrangements. Ample opportunity is given for improvisation. The Combo presents programs each semester and performs at various College functions throughout the year. The ensemble is open to students through auditions, which take place at the beginning of each semester.
Term(s) Offered: All Terms, All Years

MUS 479 Washington College Chamber Singers 1 Credit
Chamber Singers perform music from all principal periods and performs both on and off campus. The ensemble is open to students through auditions, which take place at the beginning of each semester.
Term(s) Offered: All Terms, All Years

MUS 487 Chamber Ensemble 1 Credit
Various woodwind, brass, and string ensembles (duets, trios, quartets, quintets) perform in recitals throughout the year. The ensembles are open to students through auditions, which take place at the beginning of each semester.
Term(s) Offered: All Terms, All Years

MUS 490 Music Internship 1 Credit
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on fulfillment of the contract terms and written evaluation by the internship site supervisor. 45 hours are required for each credit. Students must be enrolled in the course, prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

MUS 494 Special Topics 4 Credits
A period course in music history or an offering in some other specific area of interest, such as conducting, composition, or independent research.
Term(s) Offered: All Terms, All Years

MUS 495 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

MUS 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

MUS 497 Music Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Neuroscience (NEU)

NEU SCE Senior Capstone Experience 2-4 Credits
The culmination of the academic experience, the Neuroscience SCE provides an opportunity to deeply explore a Neuroscience research topic. In consultation with a faculty mentor, a process of active inquiry is facilitated requiring critical thinking, integration of acquired knowledge and skills, and mastery of intellectual accomplishment beyond the classroom. A theoretical review of a problem/question in the field or a data-driven research project is completed. Students are advised by a Biology, Chemistry, or Psychology faculty member. Students are assigned a SCE faculty advisor. Seniors present the results of the project in a poster session open to the College community. The SCE has guidelines that are distributed to both junior and senior Neuroscience majors each Fall. Students must enroll in Neuroscience SCE their final semester. Graded A-F.
Term(s) Offered: All Terms, All Years

NEU 294 Special Topics 2-4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

NEU 295 On-Campus Guided Research 2-4 Credits
Term(s) Offered: All Terms, All Years

NEU 300 Neuroscience Junior Seminar 2 Credits
Neuroscience majors should take this seminar course in the spring of their junior year. The course is designed to prepare students for their senior capstone experiences by practicing foundational skills such as searching and critically evaluating primary literature, and developing a proposal for their senior project. This course may also include exploration of career opportunities and professional preparation for post-college careers. If NEU 300 is not offered, Neuroscience majors may substitute a junior seminar for one of the three contributing disciplines to the major: BIO 392, CHE 392, or PSY 399. If students take a substitute junior seminar, they will be matched with an SCE advisor within that discipline and must follow that discipline's guidelines for completing their Senior Capstone Experience.

NEU 394 Special Topics 2-4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

NEU 395 On-Campus Guided Research 2-4 Credits
Term(s) Offered: All Terms, All Years

NEU 397 Neurology Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Philosophy (PHL)

PHL SCE Senior Capstone Experience 2-4 Credits
All philosophy majors must complete the Senior Capstone Experience. This will take the form of a senior thesis. Students will be given four credits for successful completion of their Senior Capstone Experience. Each senior philosophy major will work in close association with a faculty mentor from the Department of Philosophy and Religion. The association between student and mentor will be an intensive one spanning the whole course of development of the thesis-from the initial formulation of a thesis proposal in the spring of the student's junior year to the final completion of the thesis by the conclusion of the senior year.
Term(s) Offered: All Terms, All Years

PHL 100 Introduction to Philosophy 4 Credits
A study of selected systems of thought designed to acquaint the student who has no training in philosophy with basic philosophical concepts and with the techniques and advantages of a thoughtful and reflective approach to problems. Topics taken up vary with the individual instructor. Offered every semester.
Term(s) Offered: All Terms, All Years

PHL 102 Contemporary Moral Issues 4 Credits
This course introduces students to the basic ideas behind the major ethical theories in Western Philosophy by studying their application to numerous moral issues, problems, and controversies in our time. Possible topics for discussion and writing assignments include but are not limited to: moral consideration of animals and the environment, respect for biodiversity, population and consumption, pollution, climate change, responsibilities to future generations, corporate social responsibility, workplace ethics, advertising ethics, whistleblowing, engineering ethics, cyber ethics, the ethics of globalization, the ethics of war, euthanasia, medical experimentation on human subjects, the physician-patient relationship, health care and social justice, reproductive assistance technology, and eugenics.
Term(s) Offered: All Terms, All Years

PHL 108 Introduction to Logic 4 Credits
A systematic overview of the rules and methods of argument. The course has three parts. The first part examines the features of arguments one finds in everyday speech and writing. The second part covers Classical Aristotelian methods of syllogistic reasoning. The third part teaches the modern use of abstract symbols to represent and assess the formal structure of proofs. This last part involves the skills of formal and quantitative reasoning. Please note that this course can only combine with two natural science courses to fulfill the Natural Science and Quantitative Distribution. It may not combine with a second quantitative course.
Term(s) Offered: Fall, All Years

PHL 111 Intro Comparative Religion: Western 4 Credits
This course offers an introductory study of the central ideas in living western religions. The course concentrates on Judaism, Christianity, and Islam. The readings focus on the primary religious texts of each religion. Consideration is also given to philosophical issues common to western religions.
Term(s) Offered: All Terms, All Years

PHL 112 Intro Comparative Religion: Eastern 4 Credits
With a view toward developing better intercultural understanding, this course introduces students to the spiritual perspectives of Eastern cultures, and to the philosophical issues at play in them. Our readings are mostly selected from primary classical texts dealing with Hinduism, Buddhism, Zen Buddhism, and Taoism. This course is reading, speaking, and writing intensive - and the course format is interactive class discussion. Prerequisite: Eagerness to engage texts.
Term(s) Offered: All Terms, All Years

PHL 190 Philosophy Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHL 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHL 195 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHL 197 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHL 210 Introduction to Political Philosophy 4 Credits
Political philosophy applies the tools of philosophical analysis to the challenges of politics and social life. Most fundamentally, political philosophy seeks to answer the question, how should we organize our society? The course content may focus on such themes as rights, justice, equality, freedom, power, oppression, exploitation, multiculturalism, obligations of the State, and duties of citizenship.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Fall, Even Years

PHL 213 History of Ancient Philosophy 4 Credits
A study of the historical development of Western philosophical thought in ancient times. The main emphasis of this course is on the Pre-Socratics, and on works of Plato and Aristotle.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Fall, All Years

PHL 214 History of Modern Philosophy 4 Credits
A study of the development of Western philosophic thought from the early Modern period through Kant. Emphasis is placed on the work of such major figures as Descartes, Hume, Leibniz, Spinoza, Locke, Berkeley, and Kant.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Spring, All Years

PHL 215 Medieval Philosophy 4 Credits
This course examines medieval philosophical thought and argumentation from its origins in the Greco-Roman world through the early 15th century. Major figures from Judaism, Christianity, and Islam usually include Philo, Augustine, Anselm, Avicenna, Averroes, Maimonides, Aquinas, Scotus, Ockham, and others. Topics include the problem of universals, faith and reason, God, ethics, political theory, and the rise of science.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Other, Non Conforming

PHL 225 Ethical Theory 4 Credits
An examination of some of the major ethical theories in Western philosophy. Applications of these theories to concrete ethical problems are considered. Special attention is given to Consequentialist, Deontological, and Virtue theories. Readings are drawn from classical and contemporary authors.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Fall, All Years

PHL 226 Global Ethics 4 Credits
As we become a global community, the need for secular ethical discourse becomes increasingly important. This course explores how international culture, policy, and standards impact ethical practices around the world. Current events, anecdotes, and personal experiences are brought together to highlight ethical theory in action in today's global environment. General topics include: the Absolutism-Relativism debate, the Ethics of Globalization, Global Business Ethics, Global Bioethics with emphasis on feminist issues, Global Environmental Ethics, and the Ethics of Warfare and Terrorism.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Other, Non Conforming

PHL 235 Foundations of Morality 4 Credits
An examination of the moral theories of some major philosophical positions from traditions East and West: for example, Aristotle and Kant from the Western philosophical tradition, as well as Buddha and Confucius from the Eastern tradition. The aim is to systematically explore the understanding of what these positions interpret the best or most moral life to be, and of what varying views of human nature are correlated with them. Moreover, this exploration faces the question of how one decides what the best or most moral life is, and also other central questions concerning the relationship of ethics to religion and science.
Term(s) Offered: Spring, All Years

PHL 237 Global Wisdom and Literature 4 Credits
An interdisciplinary, team-taught course with the Department of English and the Department of Philosophy and Religion that delves into the world's wisdom traditions through the lenses of literature, philosophy, and religion. Students examine renowned works such as the Epic of Gilgamesh, Socratic dialogues, Stoic spiritual diaries, Christian and Islamic mystical texts, Hindu epics, Japanese Buddhist poetry, and more. Participants transcend the boundaries of history, geography, ideology, genre, and academic disciplines. The course aims to foster intercultural competence in students seen as crucial for a liberal arts education and meaningful contribution to real world settings.
Cross-listed as: ENG 217/PHL 237
Term(s) Offered: Spring, Odd Years

PHL 240 Philosophy of Humor 4 Credits
This course explores the questions: What is meant by claiming that something is humorous or funny and why? What is the relationship between humor, reason, and the emotions? How might one understand the ethics of laughter and humor? Insights from scholars including Plato, Aristotle, Hobbes, Kant, Schopenhauer, Spencer, Freud, Bergson and contemporary authors are discussed in a seminar-style class setting. The application of theory to everyday life is examined and discussed through the presentation of non-philosophical examples of humor and jokes in both print and audio-visual mediums.
Term(s) Offered: Fall, Even Years

PHL 245 Metaphysics & Epistemology 4 Credits
This course examines classic debates in metaphysics and the nature of knowledge. Close attention is given the study of philosophical argumentation and methods. Topics usually include knowledge, mind, reality, universals, identity, time, God, and freedom.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Other, Non Conforming

PHL 250 Ru and Confucianism 4 Credits
This course introduces the philosophical concepts, sociological foundation, political implementation, and spiritual/religious practices of the Asian Ru (Confucian) tradition. It presents Ruism's development across Asian countries such as Korea, Japan, and Indonesia, and studies its historical interaction with Western cultures. Classical Chinese philosophies, such as Daoism, Mohism, and Legalism, are introduced as well to contextualize the origin and evolution of Ru thought. Students acquire special skills of meditation in motion to practice Ru wisdom in the everyday and secular world.
Cross-listed as: PHL 250/REL 250
Term(s) Offered: Fall, All Years

PHL 290 Philosophy Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHL 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHL 295 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHL 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

PHL 300 Business Ethics 4 Credits
A seminar focusing on major ethical theories and principles as they apply to individuals, companies, corporations, and consumers in the business world. Typical issues treated are: corporate social responsibility, government versus self-regulation, employee and consumer safety, whistle-blowing, deceptive advertising, conflicts in accounting, the environment, insider trading, issues in internation business, etc.
Requisites: Pre-req: PHL 100
Term(s) Offered: Spring, Odd Years

PHL 303 Environmental Ethics 4 Credits
A study of the nature and history of the environmental movement and our ethical responsibilities with regard to such current issues as the preservation of species, animal rights, the value of ecosystems, ozone depletion, and deep or radical ecology.
Requisites: Pre or co-req: PHL 100
Cross-listed as: PHL 303/ENV 303
Term(s) Offered: Other, Non Conforming

PHL 305 Philosophy of Religion 4 Credits
An examination of major philosophical discussions in the Western religious tradition. Among the topics dealt with are: the existence of God, faith and reason, religious language and experience, evil and suffering, science and religion, the afterlife, and the challenges of modernity to religious belief.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Fall, Even Years

PHL 310 Philosophy of Science 4 Credits
This course begins with an exploration of the nature of scientific revolutions, along with an examination of some case studies of such revolutions from the history of science. We go on to examine some current theories concerning the evolution of microbial life, as well as issues associated with the Darwinian understanding of biological evolution. Our primary concern is the philosophical presuppositions and implications of such theories. On the methodological side, we treat such issues as induction, falsification, the hypothetical-deductive method, scientific facts, experimentation, etc.
Requisites: Pre-req: PHL 100
Term(s) Offered: Other, Non Conforming

PHL 325 Biomedical Ethics 4 Credits
Biomedical ethics explores the ethical problems that arise in the context of modern medical care and biomedical research. As such, biomedical ethics involves the lives and decisions of patients, family members, doctors, nurses, and medical researchers. The course content focuses on the application of ethical theories to problems such as the rights of patients, duties of physicians, the distribution of resources, conflicts of interest in the managed care system, assisted suicide, euthanasia, end of life decisions, abortion, nature of disease, the use of human subjects in research, and the use of genetic and reproductive technologies.
Requisites: Pre or co-req: PHL 100
Term(s) Offered: Other, Non Conforming

PHL 327 Music, Ritual and Early Christianity 4 Credits
Using music, ritual, and liturgical analyses, this course investigates the historical, social, political, and intellectual circumstances that led to the eventual success of Christianity as a major religion of the world. Examples are drawn from Eastern Orthodoxy and Catholicism.
Cross-listed as: PHL 327/MUS 327
Term(s) Offered: Spring, Non Conforming

PHL 335 Philosophy of Law 4 Credits
The course explores the philosophical issues surrounding a number of areas of the law including, the nature of law, constitutional interpretation, legal responsibility, punishment, capital punishment, and legal limits to personal liberty. Readings are drawn from classical and contemporary authors.
Term(s) Offered: Spring, Even Years

PHL 390 Philosophy Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.

PHL 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHL 395 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHL 397 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHL 425 Seminar in Ethics 4 Credits
A seminar in one major moral philosopher, movement, or issue in ethics, such as Kant, Rawls, Utilitarianism, Natural Law, the Nature of Rights, etc.
Requisites: Pre or co-req: Two PHL courses
Term(s) Offered: Other, Non Conforming

PHL 430 Oxford Sem on Religion, Pol, & Culture 4 Credits
This distinctive study abroad course involves intensive study at the University of Oxford. Students conduct individual research projects and attend seminars under the direction of Oxford University faculty. The topic of the Seminar engages issues at the intersection of religion, politics, and culture. The course begins with instructional meetings in the spring and concludes with an oral defense of a substantial research paper in the fall. The course involves 49 hours of direct instructional contact and additional experiential learning in the form of structured trips and attendance of a Shakespeare play in Stratford upon Avon.
Cross-listed as: PHL 430/POL 430
Term(s) Offered: Summer, All Years

PHL 435 Philosophical Methods 4 Credits
The course studies the nature, aims, and methods of philosophical inquiry. Readings explore questions in meta-philosophy, what philosophy is and how it is done. Study of the technical practices of philosophizing and philosophical writing prepares students for advanced work in the major.
Requisites: Pre or co-req: Two PHL courses
Term(s) Offered: Fall, All Years

PHL 490 Philosophy Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.

PHL 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHL 495 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHL 497 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Physics (PHY)

PHY SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience is required of all majors in Physics. It consists of an experimental, theoretical, or computational investigation of a current topic in physics under the guidance of a faculty mentor. Results of these investigations will be presented in the weekly Physics Seminar and may also result in conference posters or publication in professional journals. Academic credit equivalent to one semester course (four credits) is granted upon successful completion of the Senior Capstone Experience, and a grade of Honors, Pass or Fail will be recorded on the student's transcript along with the title of the investigation.
Term(s) Offered: All Terms, All Years

PHY 100 Concepts in Contemporary Physics W/ Lab 4 Credits
This course traces the evolving concepts of space, time, and motion through the main contributions of Galileo, Newton, Einstein, and Bohr. Topics include sizing up the universe surrounding us, the kinematics and dynamics of motion, the great conservation laws, the unification of space-time and gravity in theories of special and general relativity, the physics of black-holes, and the quantum structure of matter.
Term(s) Offered: Other, Non Conforming

PHY 101 College Physics I with Lab 4 Credits
[Students interested in pursuing Physics or Engineering studies must take PHY 111.] An algebra-based introduction to physics for students interested in life sciences or healthcare professions. Kinematics in one and two dimensions, Newton's laws of motion, work-energy theorem, conservation of energy, conservation of linear momentum, collisions, rotational kinematics and dynamics, simple harmonic motion, Newton's law of gravitation, fluid mechanics, temperature, heat, kinetic theory, and thermodynamics. Prerequisite: High school algebra and trigonometry, or permission of the instructor.
Term(s) Offered: Fall, All Years

PHY 102 College Physics II with Lab 4 Credits
[Students interested in pursuing Physics or Engineering studies must take PHY 112.] Second part of two-semester algebra-based introduction to physics for students interested in life sciences or healthcare professions. Electric charge, electric field and potential, conductors, dielectrics, capacitors, electric circuits and power; magnetic fields, forces on moving charges and on current-carrying wires, fields of current-carrying wires, electromagnetic induction; wave motion, superposition, physical and ray optics; quantum physics of atoms and atomic nuclei.
Requisites: Pre-req: PHY 101 or PHY 111
Term(s) Offered: Spring, All Years

PHY 105 Astronomy with Lab 4 Credits
A survey of the universe, beginning with the Earth, Moon, the planets, and the Sun, and continuing outwards to distant stars, galaxies, galactic clusters, superclusters, and large-scale structure. The emphasis is on the interplay between physical theory and observation that leads to the modern astrophysical perspective of the universe. Topics include the origin and evolution of stars, formation of red giants, planetary nebulae, white dwarfs, neutron stars, supernovae, and black holes. We explore the present state of our knowledge of these objects and how this knowledge is acquired. The course concludes with a discussion of quasars and the past, present, and future of the universe according to the Big Bang cosmology.
Term(s) Offered: Fall, All Years

PHY 111 General Physics I with Lab 4 Credits
A calculus-based introduction to physics for further study in the physical sciences and engineering. Mechanics: kinematics and dynamics of particles, conservation of momentum and energy, the law of universal gravitation, oscillations, and fluids.
Requisites: Pre or co-req: MAT 111 or MAT 106 and MAT 107
Term(s) Offered: Fall, All Years

PHY 112 General Physics II with Lab 4 Credits
Second part of two-semester calculus-based introduction to physics. Thermodynamics: internal energy, heat, work, entropy, and their statistical foundations. Waves: wave propagation, superposition, interference, and physical and ray optics. Electric and magnetic fields: Coulomb's law, Gauss's law, electric potential, steady currents, magnetic forces, Ampere's and Faraday's laws.
Requisites: Pre-req: PHY 111 ; Pre or co-req: MAT 112
Term(s) Offered: Spring, All Years

PHY 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHY 195 On-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHY 196 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHY 197 Physics Independent Study 4 Credits
The study of areas of physics not covered in other courses. Instructor and student meet weekly to discuss any progress. Designed for students interested in pursuing a professional career in physics or engineering. Available to physics majors and others by agreement of instructor. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHY 211 Modern Physics with Lab 4 Credits
The first part of the course will explain the special theory of relativity: simultaneity, time dilation, length contraction, Lorentz's transformations, and relativistic dynamics. The second part of the course will introduce the fundamental ideas of quantum physics: Planck's hypothesis, Bohr's model of the hydrogen atom, wave-particle duality, Schrödinger's equation, and basic applications of the formalism to atomic and molecular physics.
Requisites: Pre-req: PHY 112 ; Pre or co-req: MAT 210
Term(s) Offered: Fall, All Years

PHY 240 Earth and Planetary Systems 4 Credits
This course features a detailed examination of the unique interaction between the Earth's geosphere, biosphere, hydrosphere and atmosphere, and how these systems contrast with those of the other planets in the solar system. The course includes a lecture and an integrated lab component. The lecture discussion and reading emphasizes the history of Earth systems, from the birth of the solar system and differentiation of the Earth, to the emergence of biological life, chemical evolution of the modern atmosphere, and the changes to the Earth's climate, ocean and lithosphere throughout geologic history. The lab introduces students to important tools in Earth Science research, including radiometric dating, chemical studies of natural materials, remote sensing and database analysis. The course provides advanced students with the necessary scientific and intellectual background for pursuing further studies in Earth and planetary science, geography, and environmental studies.
Requisites: Pre or co-req: ENV 140 and ENV 141
Cross-listed as: PHY 240/ENV 240
Term(s) Offered: Other, Non Conforming

PHY 252 Scientific Modeling & Data Analysis 4 Credits
This course serves as a focused introduction to programming for scientists and engineers. Topics include algorithm development, statistical tests, the fast Fourier transform (FFT), simulating the dynamics of systems represented by coupled ordinary differential equations (e.g. planetary motion via Runge-Kutta methods), numerical integration, root finding, fitting functions to experimental data, and the creation of publication-quality graphics. Students choose and complete an independent research project on a topic related to their major. This course enables students to integrate computation into advanced courses in theoretical and/or experimental science. Programming language: Python.
Requisites: Pre or co-req: MAT 112 . PHY 112
Cross-listed as: PHY 252/MAT 252/CSI 252
Term(s) Offered: Spring, All Years

PHY 290 Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHY 292 Sophomore Physics Seminar 1 Credit
The departmental seminar consists of weekly meetings of students and faculty. Meetings include both formal presentations and informal discussion. Students solve problems in physics, conduct reviews of current scientific literature, deliver oral presentations, and develop writing skills appropriate to the physics discipline. The physics seminar is also the venue for presentations of SCE projects. One credit per semester. The course is open for credit to physics majors and minors only.
Term(s) Offered: Spring, All Years

PHY 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHY 295 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHY 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHY 297 Physics Independent Study 4 Credits
The study of areas of physics not covered in other courses. Instructor and student meet weekly to discuss any progress. Designed for students interested in pursuing a professional career in physics or engineering. Available to physics majors and others by agreement of instructor. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHY 321 Classical Mechanics 4 Credits
Kinematics and dynamics of particles and rigid bodies. Topics include: Conservation laws, central forces, motion in non-inertial frames, small oscillations, and Lagrangian and Hamiltonian equations of motion.
Requisites: Pre-req: PHY 211, PHY 252 and MAT 310
Term(s) Offered: Fall, Odd Years

PHY 322 Quantum Mechanics 4 Credits
An introduction to the fundamental principles of quantum mechanics: quantum states and the principle of superposition, probability distributions and expectation values, observables and operators, operator representations, and perturbation theory. There will be a discussion of selected applications of the theory to atomic, solid state, and nuclear physics.
Requisites: Pre-req: PHY 211, PHY 252 and MAT 310
Term(s) Offered: Spring, Even Years

PHY 323 Thermodynamics & Statistical Mechanics 4 Credits
An in-depth presentation of the three laws of thermodynamics and their applications followed by a study of the statistical foundations that underpin these phenomenological laws. Additional topics include the theory of ideal gases, heat engines, statistical properties of systems of particles, the Boltzmann distribution, entropy, partition functions and quantum gases. Other topics may be included at the discretion of the instructor.
Requisites: Pre-req: PHY 211, PHY 252 and MAT 310
Term(s) Offered: Fall, Even Years

PHY 324 Electricity and Magnetism 4 Credits
Electric and magnetic fields in vacuum. A survey of experiments and theory leading to Maxwell's equations. Topics include: electrostatics, electric currents, magnetic fields, electromagnetic induction, Maxwell's equations, and electromagnetic waves.
Requisites: Pre-req: PHY 211, PHY 252 and MAT 310
Term(s) Offered: Spring, Odd Years

PHY 352 Electronics with Lab 4 Credits
The study of electronics as it is used in the physical sciences. Theory, operation and applications of R-L-C electrical circuits, diodes, transistors, operational amplifiers, timers, analog, digital, mixed-signal and microprocessor circuits.
Requisites: Pre-req: PHY 211 ; Pre or co-req: MAT 310
Term(s) Offered: Fall, All Years

PHY 354 Optics with Lab 4 Credits
This is a first course on electromagnetic waves, a physics/engineering students or other science/math majors with the necessary physics and mathematics background. Topics include geometrical optics and lens systems, the human eye and vision correction, the interaction of light with matter, interference and diffraction effects, and the theory and applications of lasers. A selected number of more advanced topics are covered as time allows, which may include waveguides, Fourier optics, nonlinear optics, or optical pulses and dispersion. The lab component focuses on teaching optics related skills and techniques commonly used in physics, chemistry, and engineering research.
Requisites: Pre-req: PHY 211 ; Pre or co-req: PHY 252
Term(s) Offered: Spring, Non Conforming

PHY 390 Physics Internship 2-4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHY 391 Junior Physics Seminar I 1 Credit
The departmental seminar consists of weekly meetings of students and faculty. Meetings include both formal presentations and informal discussion. Students solve problems in physics, conduct reviews of current scientific literature, deliver oral presentations, and develop writing skills appropriate to the physics discipline. The physics seminar is also the venue for presentations of SCE projects. One credit per semester. The course is open for credit to physics majors and minors only.
Term(s) Offered: Fall, All Years

PHY 392 Junior Physics Seminar II 1 Credit
The departmental seminar consists of weekly meetings of students and faculty. Meetings include both formal presentations and informal discussion. Students solve problems in physics, conduct reviews of current scientific literature, deliver oral presentations, and develop writing skills appropriate to the physics discipline. The physics seminar is also the venue for presentations of SCE projects. One credit per semester. The course is open for credit to physics majors and minors only.
Term(s) Offered: Spring, All Years

PHY 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHY 395 On-Campus Guided Research 4 Credits
An on-campus summer research project guided by a faculty mentor. Based on mutual interests, the student and faculty mentor develop a research project supported by a reading list and involving theoretical, laboratory, or field investigations supervised by the faculty mentor. Participants produce a final report detailing the findings of their research. Selection of students depends on academic background, scholastic achievement, and the results of a personal interview with the faculty mentor.
Term(s) Offered: Summer, All Years

PHY 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

PHY 397 Independent Study 4 Credits
The study of areas of physics not covered in other courses. Instructor and student meet weekly to discuss any progress. Designed for students interested in pursuing a professional career in physics or engineering. Available to physics majors and others by agreement of instructor. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PHY 451 Advanced Physics Laboratory 4 Credits
Advanced experiments in mechanics, electromagnetism, waves, physical and geometrical optics, thermal and statistical physics, atomic, and nuclear physics.
Requisites: Pre or co-req: PHY 352 or PHY 354
Term(s) Offered: Fall, All Years

PHY 490 For-Credit Internship 1-4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHY 491 Senior Physics Seminar I 1 Credit
The departmental seminar consists of weekly meetings of students and faculty. Meetings include both formal presentations and informal discussion. Students solve problems in physics, conduct reviews of current scientific literature, deliver oral presentations, and develop writing skills appropriate to the physics discipline. The physics seminar is also the venue for presentations of SCE projects. One credit per semester. The course is open for credit to physics majors and minors only.
Term(s) Offered: Fall, All Years

PHY 492 Senior Physics Seminar II 1 Credit
Weekly meetings of students and faculty. Students are required to read journal articles of current interest in physics and astronomy and give oral presentations summarizing their contents. One credit per semester. Can be taken up to four times for credit. Open for credit to physics majors and minors only.
Term(s) Offered: Spring, All Years

PHY 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Special topic courses can only be offered 3 times; after this, the course must be approved as a regular course. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

PHY 495 On-Campus Guided Research 4 Credits
An on-campus summer research project guided by a faculty mentor. Based on mutual interests, the student and faculty mentor develop a research project supported by a reading list and involving theoretical, laboratory, or field investigations supervised by the faculty mentor. Participants produce a final report detailing the findings of their research. Selection of students depends on academic background, scholastic achievement, and the results of a personal interview with the faculty mentor.
Term(s) Offered: Summer, All Years

PHY 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

PHY 497 Independent Study 4 Credits
The study of areas of physics not covered in other courses. Instructor and student meet weekly to discuss any progress. Designed for students interested in pursuing a professional career in physics or engineering. Available to physics majors and others by agreement of instructor. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Political Science (POL)

POL SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience is an independent research project on a topic of the students choosing, culminating in a thesis of at least 30 pages and the presentation of their research at the Senior Symposium. This project is required of all majors in political science.
Term(s) Offered: All Terms, All Years

POL 102 American Government and Politics 4 Credits
A study of the foundations, institutions, processes and policy issues of American government at the national level.
Term(s) Offered: All Terms, All Years

POL 104 Introduction to World Politics 4 Credits
A general introduction to the study of world politics and international relations. The course focuses on the history and nature of the international system, the cold war and post cold war era, foreign policy behavior, arms control, conflict, nationalism, international political economy, environmental problems, terrorism and human rights.
Term(s) Offered: All Terms, All Years

POL 194 Special Topics 4 Credits
The department occasionally offers a course on a special topic in political science that is not a part of the regular course offerings.
Term(s) Offered: All Terms, All Years

POL 197 Independent Study 4 Credits
Students may receive credit for an individualized course of reading and writing under the supervision of a faculty advisor. The requirements of the course will be specified in a learning contract drawn up by the student and advisor. 45 hours required per credit.
Term(s) Offered: All Terms, All Years

POL 201 Theories of Peace and Conflict 4 Credits
The course reviews theoretical and philosophical approaches to understanding and explaining conflict and peace, including theories of violence and nonviolence. The first half of the course addresses the causes of conflict at the individual, group, and systems level. We also review modern thinking on the relationship between gender and conflict. The second half of the course addresses the theoretical considerations of peace, including positive and negative peace, and the realization of peace through strength, negotiations, justice and personal transformation.
Term(s) Offered: Fall, All Years

POL 202 Justice, Power, and Political Thought 4 Credits
This course introduces students to the study of political philosophy by examining the ways of many of the most influential political theorists have struggled to define the nature of justice, as well as developing an understanding of how theorists have approached the question of founding just regimes; ensuring that just systems of government operate legitimately once established; and assessing the major causes for the deterioration of regimes based on justice.
Term(s) Offered: Spring, All Years

POL 209 Political Data Analysis 4 Credits
This course introduces current research techniques employed by political scientists and other social scientists. Our concentration is on quantitative methods used to investigate political questions. You learn how to work with large political science data sets and write and present detailed data analysis reports. You also learn how to present data using infographics. The course concludes with a large survey research project, in which you write your own survey, collect the data, analyze the results, and present them formally in written and oral form. After taking this course, you will have gained familiarity with SPSS, a common statistical software used by social scientists, and learn more about descriptive statistics, sampling theory and tests of statistical significance.
Requisites: Pre-req: POL 102 or POL 104
Term(s) Offered: Spring, All Years

POL 290 Political Science Internship 4 Credits
Students may receive course credit for an individualized internship at a political organization, under the supervision of a faculty advisor. The details of the internship and associated academic requirements will be specified in a learning contract drawn up by the student and advisor.
Term(s) Offered: All Terms, All Years

POL 294 Special Topics 4 Credits
The department occasionally offers a course on a special topic in political science that is not a part of the regular course offerings.
Term(s) Offered: All Terms, All Years

POL 297 Independent Study 4 Credits
Students may receive credit for an individualized course of reading and writing under the supervision of a faculty advisor. The requirements of the course will be specified in a learning contract drawn up by the student and advisor. 45 hours required per credit.
Term(s) Offered: All Terms, All Years

POL 310 Parties and Interest Groups 4 Credits
Political Parties and Interest Groups are the primary means by which the public exert influence over American politics. They represent the desires of their constituents and enable citizens to pursue common goals more efficiently than acting alone. However, Parties and Interest Groups are also institutions with their own desires and have the capacity to influence (manipulate) the public. We are left with the squestion of who leads who and what does all this mean for our democracy? These questions become increasingly important in an age of heightened political polarization and campaign spending. This course explores these questions by examining the formation, evolution, and behavior of political parties and interest groups in American politics. Among other topics, we analyze their organization and structure, how they recruit and mobilize, and their role in policymaking and campaigns.
Requisites: Pre-req: POL 102
Term(s) Offered: Fall, Odd Years

POL 311 Congress & Political Polarization 4 Credits
As polarization has intensified among political elites and the public, conflict between and within political parties has resulted in near gridlock on all but the most urgent of legislative issues. Why has this happened? How do the formal and informal rules of the legislative process perpetuate this dysfunction? And most importantly, what can we do about it? It is with these questions in mind that we explore the historical development of the United States Congress, its procedures and organizational structure, its relationship to the Executive and Judicial branches, and the ways in which voters hold lawmakers electorally accountable. In short, we explore the electoral and institutional forces that shape the membership of Congress and the institution's (in)capacity to govern. To enrich the learning experience, students participate in a semester-long simulation as U.S. Senators where they draft, debate and vote on legislation.
Requisites: Pre-req: POL 102
Term(s) Offered: Spring, Odd Years

POL 312 The American Presidency 4 Credits
The Presidency has evolved into the most powerful institution in American politics. While the Founders envisioned a glorified clerk executing the will of Congress, the Modern President is expected to enhance the safety, stability, and prosperity of the nation largely on his own. Presidential power has expanded considerably to accomplish these goals, but so too has their ability to sidestep the checks and balances system - posing serious questions for the future of our Democracy. Through an examination of key moments in presidential history, this course explains this evolution and its political implications. In particular, we explore the contexts in which these expansions of power have occurred and how presidents build legitimacy for these changes among the public. We also consider the effect that these changes have had on elections, political polarization, and the general functioning of our government.
Requisites: Pre-req: POL 102
Term(s) Offered: Fall, Odd Years

POL 313 Campaigns and Elections 4 Credits
Campaigns and Elections are the cornerstone of American democracy. Through our readings and discussions, you learn how political campaigns are won and lost and, in the process, gain an understanding of the fundamental factors that drive elections and some of the technical skills employed by political professionals. But this course is about more than memorizing facts and theories - it is designed to foster your ability to think critically and apply what you have learned to the real world. As such, we participate in a semester long simulation of the upcoming Midterm/Presidential campaign. Working in groups, you develop campaign advertisements and a social media presence along with making strategic decisions about where to build field offices, hold fundraisers and campaign events, and how much media time to purchase. As individuals, you draft strategic memos that incorporate the course material to analyze the current state of the simulated campaign along with developing proposals for group assignments. While only one campaign will win on Election Day, you will all gain invaluable experience and insight into the world of Campaigns and Elections.
Requisites: Pre-req: POL 102
Term(s) Offered: Fall, Even Years

POL 314 Religion and Politics in the U.S. 4 Credits
This course is designed to analyze the nature of the relationship between religion and various aspects of politics in the United States. The course considers why religion and politics are so thoroughly interwoven in the United States by examining the religion-politics relationship in historical and theoretical perspective. The course also analyzes how religion affects American politics at the mass and elite levels. Lastly, the course considers church-state conflicts in American jurisprudence by examining some of the most hotly contested Supreme Court cases dealing with First Amendment issues. Prerequisite: Political Science 102 or permission of the instructor.
Requisites: Pre-req: POL 102
Term(s) Offered: Spring, Non Conforming

POL 317 State and Local Politics 4 Credits
This course focuses on the interactions among the three levels of government in the United States as well as on the institutional structures of state and municipal governments. It concentrates on the interaction among governments as a significant portion of the policy-making process. The course discusses the changing roles over time of different levels of government.
Requisites: Pre-req: POL 102
Term(s) Offered: Fall, Non Conforming

POL 320 Law and Society 4 Credits
A study of the American system of criminal justice. The major emphases of the course are the operation of the institutions and processes of the system, the constitutional rights of those accused of crime, and the social goals and consequences of criminal punishment.
Requisites: Pre-req: POL 102
Term(s) Offered: Fall, All Years

POL 321 Women and Politics 4 Credits
This course examines the role of women as voters, citizens, candidates, and leaders in American politics, grounded in theories of gender. Attention is given to the history of the women's movement and the current status of women's organizations. The course also focuses on how various public policies, including workplace issues, family issues, education issues and reproductive rights, affect women and their legal rights.
Requisites: Pre-req: POL 102
Term(s) Offered: Spring, Non Conforming

POL 323 Constitutional Law 4 Credits
An analysis of the distribution of power among the three branches of the federal government, and between the federal and state levels of government, as specified in major decisions of the U.S. Supreme Court. The Court itself is studied as a political institution, with emphasis on its role in a democratic political system. The course also includes a study of the constitutional rights of individuals, as specified by the U.S. Supreme Court, with primary emphasis on issues of freedom and equality.
Requisites: Pre-req: POL 102
Term(s) Offered: Fall, All Years

POL 324 American Political Thought 4 Credits
A study of the influence of values and ideologies upon the formation, evolution, and operation of the American constitutional and political system. In deference to the pragmatic character of American political thought, the course focuses on the writings of American statesmen as they confronted such continuing problems as the nature of the Union, the contest between economic power and democratic power, and the responsibility of government for individual and social welfare. The course concludes with a consideration of the relevance of American political doctrines for the contemporary issues of public policy.
Requisites: Pre-req: POL 102
Term(s) Offered: Fall, Even Years

POL 331 Enduring Topics Westrn Political Thought 4 Credits
A critical study of the enduring problems of political philosophy as treated by the major thinkers in the Western political tradition. The emphasis of the course is upon the fundamental choice of values which underlies the design of every system of government. The course thus examines how such writers as Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, Burke, and Marx have formulated and attempted to resolve the conflicting demands of freedom and order, law and justice, authority and obligation, and the individual and the state.
Requisites: Pre-req: POL 102 or POL 104
Term(s) Offered: Fall, Odd Years

POL 334 Media and Politics 4 Credits
This course explores the role of the media in politics from various perspectives, providing an overview of the following: the history of media in the United States; the legal issues that relate to the media; the impact that the media has on public opinion; the substance (or lack of substance) of the media's coverage of the news, government and elections; biases of the news media; and the increasing conglomeration of the news media through mergers. Throughout the course, these issue areas will be discussed in a larger context involving questions of freedom, representation, and political participation.
Requisites: Pre-req: POL 102
Cross-listed as: POL 334/CMS 334
Term(s) Offered: Spring, Non Conforming

POL 341 Politics of Development 4 Credits
This course focuses on the political and economic challenges confronted by developing countries, including democratization, gender, nationalism and regional integration, trade, foreign investment, and sustainable development. The course also examines issues of development theory and practice in developing countries of Latin America, Asia and Africa.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, All Years

POL 344 Comparative Government: Western Europe 4 Credits
A comparative study of the governmental structures and organizations, as well as the political cultures and processes, of the diverse states of Western Europe, with special focus on the United Kingdom, France, and Germany. Also included is the study of the European Union and its process of expansion into Central Europe.
Requisites: Pre-req: POL 104
Term(s) Offered: Fall, Even Years

POL 345 Democracy in Asia: Past and Future 4 Credits
This course provides a broad overview of the different governmental structures and organizations, as well as history and political cultures, of a range of states in Asia, including Japan, the Koreas, China, India, and the countries of Southeast Asia. Particular attention will be paid to the link between culture, identity and variations in democratic practices.
Requisites: Pre-req: POL 104
Cross-listed as: -
Term(s) Offered: Spring, Even Years

POL 348 Latin American Politics 4 Credits
An introduction to the politics of Latin America. Attention is given to the historical and cultural context of political institutions and behavior, the roles of traditional and emerging groups and forces, political instability, and the decision-making process under different types of regimes. Case studies of individual countries are selected on the basis of their contemporary importance and representativeness of general political problems.
Requisites: Pre-req: POL 104
Term(s) Offered: Fall, Odd Years

POL 351 Politics, Religion, Ethnicity in S. Asia 4 Credits
This is a survey of contemporary politics in South Asia (Afghanistan, India, Nepal, Pakistan, and Sri Lanka). It examines the impact of British colonialism on state formation, the internal politics since the 1940s, and the relationship of these countries to each other and with the major external powers (U.S., Russia, and People's Republic of China) influencing the region.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Odd Years

POL 356 Africa in the World 4 Credits
This course centers African states and the African continent within contemporary global processes and discourses. Attention is given to the structures of power in political economy, colonial relationships, independence and social justice movements, and discourses and depictions in international media and policy. Case studies of individual countries are presented alongside specific international institutions and issues in order to interrogate the meaning of Africa in the world.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Odd Years

POL 370 Global Environmental Politics 4 Credits
This course explores environmental issues in a global context, with particular attention paid to international cooperation, international law, and the roles of governments, institutions, NGOs and social movements. The course also focuses on the impact of environmental problems and cooperation on countries in the Global South/North.
Requisites: Pre-req: POL 102 or POL 104
Cross-listed as: ENV 335/POL 370
Term(s) Offered: Spring, Non Conforming

POL 371 International Politics 4 Credits
A study of an integrated theoretical framework for analyzing the behaviors of nation-states in the international political arena, as well as of selected critical issues and areas in contemporary international politics. Normally included in the study are nuclear weapons systems and their implications in international politics; nuclear arms negotiations and agreements; East-West relations; the triangular relationship among the United States, the former Soviet Union, and China; the Arab-Israeli conflict; the Third World's non-alignment movement, and the North-South tensions. Students who have taken Political Science 302 at Rhodes University will not receive credit for this course.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Even Years

POL 373 Human Rights & Social Justice 4 Credits
This course is designed to provide an introduction to the history, philosophy and major debates on human rights and social justice. Students consider the philosophical and political positions underlying the debates that are central to the promotion of human rights, including gender, universalism and cultural relativism. The course also covers contemporary issues in the international human rights and social justice movement, including the right to development and freedom from poverty, women's human rights, minority rights, torture, slavery and genocide. Group work and the creation of a public awareness campaign are required course assignments.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Even Years

POL 374 International Organization & Law 4 Credits
A study of organized human efforts made throughout history to promote international cooperation and peace. Special attention is given to the principles and rules of international law regulating national conduct in international affairs, the League of Nations, the United Nations, and contemporary blueprints for world federation and government.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Odd Years

POL 375 International Political Economy 4 Credits
This course is a study of the relationship between international politics and economics. It examines theories of international political economy, including Liberal, Mercantilist, and Radical. Using these themes, the course analyzes the history of political economy, the relationship between economics and politics, trade, foreign investment, economic aid, development, dependency, interdependency, and the role of the United States in the global political economy.
Requisites: Pre-req: POL 104
Term(s) Offered: Fall, Even Years

POL 380 American Foreign Policy 4 Credits
A brief historical survey of American diplomacy and analytical study of factors conditioning American foreign policy; the constitutional basis of U.S. foreign relations; the concepts of American national interest and goals; the structure and processes of decision-making and policy-execution; the organization of, and relations among, the White House, Department of State, Department of Defense, other Executive organs, and Congress; and America's current involvement in world affairs.
Requisites: Pre-req: POL 102 or 104, or HIS 201 and 202
Term(s) Offered: Spring, All Years

POL 382 U.S.- Latin American Relations 4 Credits
A study of U.S. foreign policy and Latin America since the Monroe Doctrine. Attention is given to the interests of Latin American nations in their relationship with each other and with other areas of the world, with special emphasis on the post-World War II period.
Requisites: Pre-req: POL 104
Term(s) Offered: Fall, Non Conforming

POL 384 International Relations of East Asia 4 Credits
The course seeks to expand student knowledge of important past political events and contemporary political issues related to the international relations of East Asia, including U.S.-East Asia relations; to introduce students to a new terminology based in international relations theory, including the contentiousness of some terms, major thinkers associated with these terms and theories, and how general international relations theory has been applied to the case of East Asia; and, to assist students in applying their new knowledge of terminology and theory to better understand past and contemporary political interactions in East Asia.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Non Conforming

POL 386 Comparative Peace Processes 4 Credits
This course focuses on contemporary conflicts and efforts at peacebuilding in a comparative perspective. Drawing on cases such as Bosnia, El Salvador, Northern Ireland, and Rwanda, the course examines the roots of conflict, theories of peace, methods of peacebuilding, transitional justice, reconciliation, and international cooperation. Simulations are used to enable students to understand the dynamics of the peace process.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Odd Years

POL 388 U.S. Foreign Policy in the Middle East 4 Credits
In recent decades, the Middle East has proved to be one of the most troubling as well as important parts of the world. The war in Iraq, the standoff with Iran, the regular failure to find a diplomatic solution to the Israeli-Palestinian conflict and the continuing danger posed by Al Qaeda all testify to the intractability of the region's problems. This course focuses on US foreign policy in the Middle East. The United States has grappled with the region's persistent and cross cutting conflicts, and confronted fundamental questions about the use of force, the role of allies and international law.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Even Years

POL 389 Gender and Conflict 4 Credits
This course will explore the gendered dimensions of conflict, focusing on the post-Cold War period and paying particular attention to what feminists have described as the continuum of violence, from militarization of everyday living to overt violent conflict. Topics covered include the political economy of war, sexualized violence, the militarization of gendered bodies, gendered forms of cooperation with violence, and political activism.
Requisites: Pre-req: POL 104
Term(s) Offered: Spring, Even Years

POL 390 Political Science Internship 4 Credits
Students may receive course credit for an individualized internship at a political organization, under the supervision of a faculty advisor. The details of the internship and associated academic requirements will be specified in a learning contract drawn up by the student and advisor.
Term(s) Offered: All Terms, All Years

POL 394 Special Topics 4 Credits
The department occasionally offers a course on a special topic in political science that is not a part of the regular course offerings.
Term(s) Offered: All Terms, All Years

POL 397 Independent Study 4 Credits
Students may receive credit for an individualized course of reading and writing under the supervision of a faculty advisor. The requirements of the course will be specified in a learning contract drawn up by the student and advisor. 45 hours required per credit.
Term(s) Offered: All Terms, All Years

POL 401 Political Science Senior Seminar 4 Credits
This course is an integrative, capstone course required for all graduating seniors that incorporates writing and research around a particular theme. Open only to seniors graduating that academic year.
Requisites: Pre-req: POL 102 and POL 104
Term(s) Offered: Fall, All Years

POL 419 MD General Assembly Internship 8 Credits
Students enrolled in this program spend two days per week as state legislative interns in Annapolis during the three-month legislative session. They also meet and do assignments for a weekly academic seminar on campus. Students may enroll in this program only by application to the Director. Applicants must have a 3.0 GPA. Eight credits. (Note: this program counts as two political science courses.)
Requisites: Pre-req: POL 311 or POL 317
Term(s) Offered: Spring, All Years

POL 427 Washington Center Internship 12 Credits
A full-time, semester-long internship in Washington, DC, with a federal government, political, or non-profit agency. Depending upon their interest and internship placement, students may attend hearings, conduct policy research, draft correspondence, monitor legislation, lobby members of Congress, and write analytical reports. Students create an in-depth portfolio of their internship experience. Prerequisite: Successful application to The Washington Center for Internships and Academic Seminars. This course is normally open only to juniors and seniors. Twelve credits. The internship package of Political Science 427, 428, and 429 yields 16 credits towards graduation and 8 credits towards the political science major or minor.
Requisites: Pre-req: POL 102
Term(s) Offered: All Terms, All Years

POL 428 Washington Center Seminar 3 Credits
Washington Center Interns participate in an evening seminar selected from a variety of topics offered during the semester. Students engage in class discussion and may also research seminar topics, prepare written assignments, and take examinations. Required of and limited to students enrolled in Political Science 427. Three credits.
Requisites: Pre-req: POL 102
Term(s) Offered: All Terms, All Years

POL 429 Washington Center Forum 1 Credit
Washington Center Interns participate in lectures, site visits, small group discussions, briefings, and other required events designed to help them understand the connection between their academic and professional goals and the special educational opportunities available through living and working in Washington, DC. Evaluations of these experiences are included in the student portfolio. Required of and limited to students enrolled in Political Science 427. One credit.
Requisites: Pre-req: POL 102
Term(s) Offered: All Terms, All Years

POL 430 Oxford Sem on Religion, Pol, & Culture 4 Credits
This distinctive study abroad course involves intensive study at the University of Oxford. Students conduct individual research projects and attend seminars under the direction of Oxford University faculty. The topic of the Seminar engages issues at the intersection of religion, politics, and culture. The course begins with instructional meetings int he spring and concludes with an oral defense of a substantial research paper in the fall. The course involces 49 hours of direct instructional contact and additional experiential learning in the form of structured trips and attendance of a Shakespeare play in Stratford upon Avon.
Cross-listed as: PHL 430/POL 430
Term(s) Offered: Summer, All Years

POL 471 Model Diplomacy 2 Credits
This two-credit course is offered as a complement to required delegate training for participation in an off-campus model diplomacy simulation. The course goes beyond the basics of delegate preparation (public speaking, model procedure, and familiarity with committee topics) to offer a broader framework for understanding the evolution of the practice of diplomacy, principal challenges facing diplomats today, and the role of diplomacy and the diplomat in the modern world. As part of the course, students are offered individualized feedback on their committee research for a model simulation, background information on important developments in international affairs and major international organizations, and the opportunity to reflect on the linkage between the model experience and the actual practice of international organizations in the 21st and previous centuries. Prerequisite: application and acceptance into a Model Diplomacy program.
Term(s) Offered: Fall, All Years

POL 473 Model United Nations 2 Credits
This two-credit course is offered as a complement to required delegate training for participation in an off-campus model United Nations simulation. The course goes beyond the basics of delegate preparation (public speaking, model procedure, and familiarity with committee topics) to offer a broader framework for understanding the evolution of the United Nations since its founding in 1945, principal challenges it faces today, and the role of diplomacy and the diplomat in the modern world. As part of the course, students are offered individualized feedback on their committee research for the model simulation, background information on important developments in international affairs and major international organizations, and the opportunity to reflect on the linkage between the model experience and the actual practice of international organizations in the 21st and previous centuries. Prerequisite: application and acceptance into a Model United Nations program.
Term(s) Offered: Spring, All Years

POL 490 Political Science Internship 4 Credits
Students may receive course credit for an individualized internship at a political organization, under the supervision of a faculty advisor. The details of the internship and associated academic requirements will be specified in a learning contract drawn up by the student and advisor.
Term(s) Offered: All Terms, All Years

POL 494 Special Topics 4 Credits
The department occasionally offers a course on a special topic in political science that is not a part of the regular course offerings.
Term(s) Offered: All Terms, All Years

POL 497 Independent Study 4 Credits
Students may receive credit for an individualized course of reading and writing under the supervision of a faculty advisor. The requirements of the course will be specified in a learning contract drawn up by the student and advisor. 45 hours required per credit.
Term(s) Offered: All Terms, All Years

Psychology (PSY)

PSY SCE Senior Capstone Experience 2-4 Credits
The culmination of student academic experiences, the SCE in Psychology is intended to provide each student with an opportunity to deeply explore a research topic in psychology. In consultation with a faculty mentor, a process of active inquiry is facilitated that requires critical thinking, integration of acquired knowledge and skills, and mastery of intellectual accomplishment beyond the classroom. A theoretical review of a problem/question in the field or a data-driven research project is completed by each student.
Term(s) Offered: All Terms, All Years

PSY 111 General Psychology 4 Credits
An introduction to the scientific study of behavior and mind, embracing all aspects of human experience. This course introduces the student to the cognitive, neurological, and biological aspects of psychology in addition to basic research methodologies and major findings in these areas. Topics include the anatomical and functional organization of the nervous system, consciousness, learning, and memory.
Term(s) Offered: Fall, All Years

PSY 112 General Psychology 4 Credits
An introduction to the scientific study of behavior and mind, embracing all aspects of human experience. This course introduces the student to the clinical/counseling, developmental, personality, and social aspects of psychology in addition to basic research methodologies and major findings in these areas. Topics include social interactions, theories of personality, psychopathology, and development. PSY 111 is not a prerequisite for PSY 112.
Term(s) Offered: Spring, All Years

PSY 194 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: Other, Non Conforming

PSY 202 Life-Span Development 4 Credits
This course provides a broad overview of human growth and development from infancy to late adulthood. Changes in biological, cognitive, emotional, and social domains are discussed at each period of the lifespan. Topics include heredity, learning, emotional development, temperament, attachment, gender development, developmental disorders, peer relationships, families, and aging. Recent research in these domains is also highlighted.
Term(s) Offered: Other, All Years

PSY 205 Drugs & Behavior 4 Credits
A survey of human physiological and behavioral responses to commonly used drugs. Special emphasis is placed on nonprescription drugs (nicotine, alcohol, caffeine, cocaine), psychotherapeutic agents (anti-depressants), and other psychoactive drugs (opioids, hallucinogens, marijuana, amphetamine). Societal issues related to illicit and therapeutic drug use, abuse, legislation and policies also are topics of exploration and discussion.
Term(s) Offered: Other, All Years

PSY 209 Statistics & Research Design I with Lab 4 Credits
Consideration of sampling theory, the design of experiments, and the analysis and presentation of data with emphasis on correlation, t-test, chi square, and the analysis of variance. Attention is given to parametric and non-parametric procedures. Students learn both to hand calculate and to use a simple computer analysis package to analyze data.
Term(s) Offered: All Terms, All Years

PSY 210 Biopsychology with Lab 4 Credits
The study of the biological bases of human and non-human behavior. The emphasis is on the organization of the nervous system as it relates to behavior and conscious thought. Specific topics may include: structure and function of the nervous and endocrine systems; mechanisms of neurotransmission; neurologic disorders; feeding; reproduction; aggression; sleep and dreaming; functional organization of sensory and motor systems; lateralization of function and language disorders; learning and memory; and the biological bases of emotion and psychopathology.
Requisites: Pre or co-req: BIO 111 and BIO 112, or PSY 111 and PSY 112
Term(s) Offered: Fall, All Years
Fees: $50 Lab Fee

PSY 220 Human Sexuality 4 Credits
A biological approach to the study of human sexuality. This course emphasizes topics such as the anatomy and physiology of the human reproductive system, conception and contraception, STDs and infertility and then continues on to discuss the influences that shape sexual attitudes as well as the values and behavior systems that influence human sexual behavior. An overview of attitudes towards sexuality across cultures is included.
Term(s) Offered: Other, Non Conforming

PSY 221 Social Psychology 4 Credits
The course surveys the major topics and theories of social psychology, such as social perception, attitudes, altruistic behavior, aggression, attraction, social cognition, as well as applied areas of social psychology and the legal system and the social psychology of health behavior. Special emphasis is placed on original research and recent developments in the field.
Term(s) Offered: Fall, All Years

PSY 231 Personality 4 Credits
Discussion of the major approaches to personality from the psychodynamic approach of Freud to the contemporary cognitive approaches of Kelly, Bandura, and Mischel. Research regarding major personality attributes (need for achievement, authoritarianism, intelligence) may also be discussed.
Term(s) Offered: Other, Non Conforming

PSY 233 Traditional Psychiatric Disorders 4 Credits
Evaluation of the etiology of various forms of behavior disorders (anxiety, mood, substance abuse, psychotic), their symptoms, and treatment. These disorders are considered in relation to clinical theories, research, and practice.
Requisites: Pre-req: PSY 112
Cross-listed as: -
Term(s) Offered: Fall, All Years

PSY 234 Medical and Developmental Disorders 4 Credits
Evaluation of the etiology, symptoms, and treatment of behavior disorders within the broad areas of childhood/developmental disorders and medical/organically induced abnormal behavior. Specific topics include disorders of personality, impulse-control, eating, sleep, sex, and neurocognition. Disorders are considered in relation to clinical theories, research, and practice.
Requisites: Pre-req: PSY 112
Cross-listed as: .
Term(s) Offered: Other, Non Conforming

PSY 240 Practicing Mindfulness 2 Credits
This course will provide students with an introduction to mindfulness through a combination of lecture, practice, and class discussion. Students will learn the core principles of mindfulness and how to apply them to their daily lives. A key component of this experiential course will involve students developing their own mindfulness practice, as they explore different strategies and develop skills to enhance their awareness of the mind-body connection.
Cross-listed as: PSY 240/WPD 240
Term(s) Offered: Spring, All Years

PSY 294 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: Other, Non Conforming

PSY 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

PSY 302 Social and Personality Development W/Lab 4 Credits
This course explores the current theories and research of social and personality development from infancy to adolescence. Topics include emotional development, temperament, attachment, aggression, moral development, self-concept, and gender-role development. We also discuss the effects that parents, peers, and the media can have on children's development. Students have the opportunity to conduct a developmental psychology research project. PSY 209 is recommended.
Requisites: Pre-req: PSY 202 or permission of instructor
Cross-listed as: .
Term(s) Offered: Other, Non Conforming

PSY 304 Theories and Processes of Counseling 4 Credits
This course examines the major theories of counseling, including humanistic, psychoanalytic/psychodynamic, action-oriented, and multicultural theories, among others. This course also examines key common factors across theories and provides opportunities to acquire practical counseling process skills such as active listening and problem-solving skills.
Requisites: Pre-req: PSY 111 and PSY 112, or two Sociology courses
Term(s) Offered: Other, All Years

PSY 305 Psychopharmacology with Lab 4 Credits
An in-depth study of the chemistry and pharmacology of the nervous system. Laboratory exercises emphasize the use of laboratory animal models in pharmacological research. The actions of pharmacological agents on both the central nervous system and the peripheral nervous system are explored. Laboratory exercises emphasize the use of behavioral measures used by pharmaceutical researchers to assess dose effects, drug tolerance, withdrawal, and drug interactions.
Requisites: Pre or co-req: PSY 210, or BIO 111 and BIO 112
Term(s) Offered: Spring, Non Conforming

PSY 309 Statistics & Research Design II With Lab 4 Credits
A survey overview of appropriate research designs employed in psychological research. Emphasis is on evaluation and application of scientific methods and data analysis in inferential statistics. Specific topics include factorial designs and analysis of variance, appropriate group comparison tests of significance, prediction and multiple regression, and an overview of other advanced research designs and analyses. Examples are drawn from a wide range of behavioral sciences. Principles relating to the planning, implementation, and ethics of psychological research are examined and emphasis is placed upon critical evaluation of published research. A significant portion of the course is devoted to instruction in SPSS, a computer-based statistical package.
Requisites: Pre-req: PSY 111 and PSY 112, and PSY 209 or MAT 109
Term(s) Offered: All Terms, All Years

PSY 310 Human Neuropsychology with Lab 4 Credits
Human Neuropsychology examines brain structure-function relationships. Students are exposed to mental status screening techniques and neuropsychological evaluation methods, incorporating these tools as part of their semester-long, lab research projects. Students become familiar with the major neurological disorders, including the typical brain structures involved, how the disorders are diagnosed, their differential functional impact, and common rehabilitative treatments.
Requisites: Pre-req: PSY 111 and PSY 112 ; Pre or co-req: PSY 209 or MAT 109
Term(s) Offered: Fall, Non Conforming
Fees: $50 Lab Fee

PSY 313 Learning & Appl Behavioral Anal. w/Lab 4 Credits
Reviews of theoretical and empirical research related to classical, operant and cognitive aspects of learning. Emphasis in lectures and the laboratory is on the use of these theoretical contributions within the discipline of Applied Behavioral Analysis.
Requisites: Pre-req: PSY 111 and PSY 112
Term(s) Offered: Other, Non Conforming

PSY 316 Cognitive Neuroscience with Lab 4 Credits
Cognitive neuroscience investigates the biological basis of higher order cognition and complex human behavior. Topics include perception, attention, memory, language, and executive function. The laboratory portion provides opportunities to discuss, demonstrate, and experience cognitive and neural phenomena.
Requisites: Pre-req: PSY 111 and PSY 112
Term(s) Offered: Other, All Years

PSY 317 Princ of Sensation & Perception w/Lab 4 Credits
A survey of the methods by which humans detect and process external stimuli and the brain pathways involved in creating meaningful perceptions out of sensory information. Special attention is directed to sensory physiology, perceptual illusions and deficits in each sensory modality, including vision, audition, olfaction, taste, and touch. Laboratory demonstrations and simulations are intended to provide concrete examples and provide a mechanism for exploring each sensory modality.
Requisites: Pre or co-req: PSY 111 and PSY 112
Term(s) Offered: Other, Non Conforming

PSY 320 Health Psychology with Lab 4 Credits
An examination of the psychological effects of health behavior, physical effects of psychological experiences, and theories of health behavior. Applies social psychological perspectives to such topics as stress-related diseases, placebo effects, doctor-patient interactions, dying, and the hospital environment. Additionally, the course covers theories and research on preventive health behavior; adherence to medical treatment; health lifestyles; substance use and abuse; and anxiety and depression in medical illness. Laboratory component is a qualitative study of individuals' health experiences.
Requisites: Pre-req: PSY 111 and PSY 112
Term(s) Offered: Fall, All Years

PSY 321 Experimental Social Psychology with Lab 4 Credits
Thorough and critical examination of current social-psychological thought and theory through discussion of primary experimental reports and review articles. The issues addressed in this course vary from year-to-year, but have included social exclusion, self-regulation, lying and detecting deceit, gossip, violent video games, sexism, racism, humor, terror management, happiness, awe and humility. The laboratory component involves student-initiated research in laboratory or natural settings.
Requisites: Pre-req: PSY 111, PSY 112 or two semesters of Sociology.
Term(s) Offered: Spring, All Years

PSY 323 Industrial/Organizational Psychology 4 Credits
Examines work and organizational behavior from psychological, business science, and sociological viewpoints. Topics include personnel psychology, job motivation, and job satisfaction, and other job attitudes are examined along with organizational culture, group process, leadership, and organizational development. Concepts are appropriate for application to corporations and small businesses as well as community groups and nonprofit organizations.
Term(s) Offered: Other, Non Conforming

PSY 333 Psychological Testing 4 Credits
An analysis of the construction, interpretation, and application of various psychological tests and measurement tools. Personality, intelligence, vocational, achievement, and aptitude tests are evaluated.
Requisites: Pre or co-req: PSY 111 and PSY 112
Term(s) Offered: Fall, Odd Years

PSY 382 Introduction to Social Welfare 4 Credits
This course offers students a broad understanding of contemporary social problems and the social welfare policies, programs and services designed to address them. The history, individual and social consequences, and programmatic approaches to the amelioration of each social problem area is explored. A primary goal of this course is to introduce students to the profession of social work: its fields of practice, values and ethics. This course integrates core social work competencies and has particular relevance to students considering practice, administrative or policy careers in the helping professions.
Requisites: Pre-req: SOC 101 or PSY 112
Cross-listed as: PSY 382/SOC 382
Term(s) Offered: Other, Non Conforming

PSY 394 Special Topics 2-4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: Other, Non Conforming

PSY 395 On-Campus Guided Research 2-4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. 45 hours are required per credit.
Term(s) Offered: Other, Non Conforming

PSY 396 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. 45 hours are required per credit.
Term(s) Offered: Other, Non Conforming

PSY 397 Psychology Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: Other, Non Conforming

PSY 399 Junior Seminar 2 Credits
This required 2-credit course, normally taken during the second semester of the junior year, teaches foundational skills essential to psychology as a professions, such as ethics certification, writing in the discipline, and proposal development. By taking this seminar, students have the opportunity to clarify achievement goals and develop academic and career plans.
Term(s) Offered: Spring, All Years

PSY 404 Multicultural Competence with Lab 4 Credits
Multicultural Competence provides an introduction to multicultural and diversity issues in psychology. This course examines topics such as: multicultural issues in counseling, power and privilege, cultural humility, intersectionality, the link between oppression and mental health, advocacy, and social justice. This course encourages personal reflection and the development of self-awareness in order to understand how our own cultural identities and backgrounds - including experiences of privilege and marginalization and the intersections of these experiences- shape our ways of being in the world. During lab, students have the opportunity to engage in interactive activities and projects to enhance understanding of course material.
Requisites: Pre-req: PSY 111 and PSY 112
Term(s) Offered: Other, Non Conforming

PSY 410 Neuroscience Research Methods w/Lab 4 Credits
This course is recommended for students who are preparing for graduate study in neuroscience or medicine and combines seminar and lab work. The topics discussed in the seminar vary from year to year (e.g., psychopharmacology of mood disorders, animal models of mental illness, traumatic brain injury, cognitive & neurological assessment) and may be repeated with permission of the concentration advisor. During the final portion of the course, students design and conduct a pilot research project. The project should be a means for the student to hone skills (e.g., perfect a specific surgical procedure) or apply specific research techniques (e.g., neural tract-tracing, histochemistry, clinical neurological assessment, animal behavioral assessments, or topographic EEG mapping) available to students in the department laboratories for his or her senior thesis project.
Requisites: Pre-req: BIO 111 and 112, or PSY 111 and PSY 112 . PSY 209 or MAT 109
Cross-listed as: -
Term(s) Offered: Other, Non Conforming
Fees: $50 Lab Fee

PSY 433 Child Assessment with Lab 4 Credits
This course provides the student with knowledge and experience in the clinical assessment of children. In addition to clinical report writing, students learn observational techniques, interviewing skills, behavioral/emotional scales, and measures of cognitive assessment that are specific to children and adolescents.
Requisites: Pre-req: PSY 333
Term(s) Offered: Spring, Even Years

PSY 490 Psychology Internship 2-4 Credits
Supervised experience in a community agency or on-campus providing some aspect of wellness prevention or psychological intervention services. The class includes seminar sessions to help students achieve a fuller understanding of their placement experiences. A large variety of placements are available. PSY 490 is used for 2 and 4 credit experiences. A maximum of 12 internship credits can be earned between on-campus and community/off-campus options, but no more than eight community internship credits can be accrued. Permission of the instructor. Junior or Senior status.
Term(s) Offered: All Terms, All Years

PSY 494 Special Topics 2-4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: Other, Non Conforming

PSY 495 On-Campus Guided Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. 45 hours are required per credit.
Term(s) Offered: Other, Non Conforming

PSY 496 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student researching a topic of interest that is relevant to a student's major or minor. Research is conducted off-campus. Students must be enrolled before the research can begin. 45 hours are required per credit.
Term(s) Offered: Other, Non Conforming

PSY 497 Psychology Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: Other, Non Conforming

Public Health Studies (PHS)

PHS 171 Introduction to Public Health 4 Credits
Public Health is concerned with identifying and acting on the factors that shape the health and diseases of populations. This course introduces the major concepts, tools, and debates of Public Health through an exploration of issues in this interdisciplinary field including health inequities, historical and ongoing strategies for control of communicable and noncommunicable diseases, and connections between social structures and the distribution of disease from a Public Health perspective. Students acquire basic knowledge, attitudes, and skills that are important for Public Health practice. This course is one of the two required courses for the Public Health minor.
Cross-listed as: SOC 171/PHS 171
Term(s) Offered: Fall, All Years

PHS 194 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

PHS 271 Global Health Disparities 4 Credits
Global Health Disparities offers a cross cultural comparative analysis of the definitions of health and health care delivery, as well as an overview of specific chronic and acute health issues. The course addresses global health broadly and focuses on global health disparity. We analyze disparity with a multidisciplinary perspective, evaluating the political, economic, and sociocultural aspects of health inequality. This course is one of the two required courses for the Public Health minor.
Requisites: Pre or co-req: SOC 171
Cross-listed as: SOC 271/PHS 271
Term(s) Offered: Spring, All Years

PHS 294 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

PHS 351 Sociolology of Mental Health 4 Credits
This course applies the sociological perspective to various topics regarding mental health and illness. The course covers topics such as the social construction of mental illness, the social epidemiology and epidemiology of mental illness, labeling and stigma of those with a mental illness, and mental health policy/treatment.
Requisites: Pre-req: SOC 101
Term(s) Offered: Spring, Odd Years

PHS 451 Sociology of Aging 4 Credits
This course evaluates the social, psychological, and biological changes that occur with aging and how these changes affect interactions between older people and their family, friends, home, community, and society. Special attention is given to the sociological aspects of aging and the impact the increasing older adult population has on the US today. The course takes classroom learning and apply it to real world experiences through a significant service-learning project. Students should be prepared to spend 20 hours in a community-based project during the course of the semester.
Requisites: Pre-req: SOC 101
Cross-listed as: SOC 413/GEN 413
Term(s) Offered: Spring, Even Years

PHS 494 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

Sociology (SOC)

SOC SCE Senior Capstone Experience 2-4 Credits
The Senior Capstone Experience in sociology is a significant piece of independent research, generally in the form of a thesis, undertaken by each senior with the guidance and mentorship of a department faculty member. The SCE integrates the diverse learning that students have accomplished throughout their undergraduate years, not only within the major, but also across the liberal arts and sciences. The range both of topics and methods is broad. The Capstone Experience is based on a topic of the student's choosing, with the guidance of a faculty member to assure that it is both significant and capable of completion in the time available. Work on the Sociology Capstone is supported by some of the work of the Sociology Senior Seminar, SOC 491, taken during the fall semester. A more extensive description of the SCE is available from the department chair. Discussion of a joint thesis, undertaken by a student with two majors, can be found in the section Double Majors, Minors, and Concentrations/Specializations within the Academic Program portion of this Catalog.
Term(s) Offered: All Terms, All Years

SOC 101 Intro to Sociology 4 Credits
Introduction to basic concepts and theories in sociology concerning the nature of society, culture, and personality. Consideration of social processes, groups, and institutions found in modern American society. Specific topics include deviance and social control, social networks, bureaucracy, families, education, race, social class and gender.
Term(s) Offered: All Terms, All Years

SOC 171 Introduction to Public Health 4 Credits
This course introduces the major concepts, tools, and debates of Public Health through an exploration of issues in this interdisciplinary field including health inequities, historical and ongoing strategies for control of communicable and noncommunicable diseases, and connections between social structures and the distribution of disease from a Public Health perspective. Students acquire basic knowledge, attitudes, and skills that are important for Public Health practice. This course is one of the two required courses for the Public Health minor.
Cross-listed as: SOC 171/PHS 171
Term(s) Offered: Fall, All Years

SOC 194 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Graded A-F and Pass/Fail.
Term(s) Offered: All Terms, All Years

SOC 212 Sociology of the Family 4 Credits
This course studies historical aspects of family formation and function as well as contemporary patterns of the institution and individual experiences. Theory and research dealing with courtship, marriage, children and parenting, and disorganization of the modern family is examined.
Requisites: Pre-req: SOC 101
Term(s) Offered: Fall, Odd Years

SOC 213 Sociology of Gender 4 Credits
Course examines sex, gender, sexuality, and their intersections with other statuses. The effects of gender on individuals' statuses and opportunity structures is considered as are the impacts of interactions and institutional patterns. Focus on contemporary American responses to sex and gender.
Requisites: Pre-req: SOC 101
Term(s) Offered: Spring, All Years

SOC 221 Social Inequalities 4 Credits
This course examines the structure of social stratification in the U.S. from various perspectives and from micro- and macro-levels of analysis. This course is based on the seven statuses (race, social class, gender, physical/mental ability, religion, sexual orientation and age) that most significantly determine who gets what in American society. Historical and contemporary examples highlighted in readings and discussion range from medicine, law, education, the family, the military, housing, food security, and other.
Requisites: Pre-req: SOC 101
Term(s) Offered: Spring, All Years

SOC 240 Criminology 4 Credits
An overview of how scholars of sociology and criminology analyze and understand the frequency of crime, criminal patterns, varieties of criminal offending, characteristics of criminal offenders, and theories of criminal offending. This course covers the core concepts related to criminological study, the nature and frequency of crime, patterns of criminal offending, victims, public fear of crime, criminological theory, and the critical evaluation of different types of crimes including violent, economic, public disorder, and terrorism.
Requisites: Pre-req: SOC 101
Term(s) Offered: All Terms, All Years

SOC 262 Self and Society 4 Credits
Examines reciprocal relationships of society and the individual, and of the nature of face-to-face human interaction. Introduces key concepts, theories, and methodologies of sociological social psychology. Students read, analyze, and perform research that explores the ways in which society affects individuals and groups; how individuals and groups, reciprocally, influence society; how individuals interpret and negotiate the social world; and the influence individuals and groups have on others.
Requisites: Pre-req: SOC 101
Term(s) Offered: Fall, Odd Years

SOC 271 Global Health Disparities 4 Credits
Global Health Disparities offers a cross cultural comparative analysis of the definitions of health and health care delivery, as well as an overview of specific chronic and acute health issues. The course addresses global health broadly and focuses on global health disparity. We analyze disparity with a multidisciplinary perspective, evaluating the political, economic, and sociocultural aspects of health inequality. This course is one of the two required courses for the Public Health minor.
Requisites: Pre-req: SOC 171
Cross-listed as: SOC 271/PHS 271
Term(s) Offered: Spring, All Years

SOC 290 Sociology Internship 4 Credits
The department encourages students with prior courses in sociology to develop, with a member of the department, internship opportunities. Students interested in pursuing internships should read Internships and Other opportunities, in this Catalog. In addition to the requirements listed there, interns should expect to write a paper describing their experiences, as relevant to sociology, and connected to a reading list to be developed and agreed upon by the intern and the supervising faculty member. Prerequisite: Sociology 101 and permission of the department chair. 45 hours are required per credit.
Requisites: Pre-req: SOC 101
Term(s) Offered: All Terms, All Years

SOC 294 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Graded A-F and Pass/Fail.
Requisites: Pre-req: SOC 101
Term(s) Offered: All Terms, All Years

SOC 295 On Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail.
Term(s) Offered: Summer, All Years

SOC 296 Off-Campus Research 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

SOC 297 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours are required per credit.
Requisites: Pre-req: SOC 101 . Take two additional Sociology courses.
Term(s) Offered: All Terms, All Years

SOC 303 Social Theory 4 Credits
The study of the leading social thinkers from 1800 to the present and the associated theoretical perspectives with an emphasis on contemporary applications of sociological theory.
Requisites: Pre-req: SOC 101 and one additional SOC course
Term(s) Offered: Spring, All Years

SOC 306 Research Methods in Sociology 4 Credits
Introduction to the methods used in studying society. Selection of research topic, experimental design, sampling, methods of data collection, statistical analysis of findings.
Requisites: Pre-req: SOC 101 ; Pre or co-req: MAT 109, PSY 209, or BUS 109
Term(s) Offered: Fall, All Years

SOC 327 Washington Center Internship 12 Credits
Term(s) Offered: All Terms, All Years

SOC 328 Washington Center Seminar 3 Credits
Washington Center Interns participate in an evening seminar selected from a variety of topics offered during the semester. STudents engage in class discussion and may also research seminar topics, prepare written asignments, and take examinarions. Required of and limited to students enrolled in SOC 327. Three credits.
Term(s) Offered: All Terms, All Years

SOC 329 Washington Center Forum 1 Credit
Washington Center Interns participate in lectures, site visits, small group discussions, briefings, and other required events designed to help them understand the connection between their academic and professional goals and the special educational opportunities available through living and working in Washington, DC. Evaluations of these experiences are included in the student portfolio. Required of and limited to students enrolled in SOC 327. One credit.
Term(s) Offered: All Terms, All Years

SOC 340 Victimology 4 Credits
Victimology broadens criminological scholarship by focusing on the vitims, rather that the perpetrators of crime. Students are introduced to the multifaceted issue of victimization in the U.S. including victimization theories, trends in criminal victimization, treatment of victims in the criminal justice system, victim support issues, and the victimization of certain subgroups in the population.
Requisites: Pre-req: SOC 240
Term(s) Offered: Spring, Even Years

SOC 341 Variant Behavior 4 Credits
This course explores variant behavior in a variety of contexts including crime, body modifications, gender and sexual identity, and health behaviors. We regard deviance not as bad behavior, but as behavior contrary to norms. Deviance is examined as a conceptual category that is socially constructed by interactions and reactions to certain types of behavior be they biological, social, or both. Students analyze the processes and social agencies that define, detect, and sanction variant behavior over time.
Requisites: Pre-req: SOC 101 and one additional SOC course
Term(s) Offered: Fall, Even Years

SOC 342 Sociology of Punishment 4 Credits
This course examines four major questions associated with punishment in the United States: 1.) Why do we punish? 2.) Who do we punish? 3.) How do we punish? 4.) What are the consequences of punishment? To answer these questions, students explore ideas related to sociology, criminology philosophy, law, history, to assess the ethics and utility of punishment and the problems punishment creates for society and offenders.
Requisites: Pre-req: SOC 101 . SOC 240 or SOC 221
Term(s) Offered: Spring, Odd Years

SOC 343 Women, Crime & the Crim. Justice System 4 Credits
This course places women at the forefront when examining all facets of crime, victimization, and the institutions that handle both victims and offenders. To fully explore the issue, this course is split into four units that explore women as victims, women as perpetrators, women who are in custody of the criminal justice system, and women who work in the criminal justice system.
Requisites: Pre-req: SOC 101 . SOC 213, SOC 221, or SOC 240
Term(s) Offered: Fall, Odd Years

SOC 344 Sociology of Gangs 4 Credits
This course explores a broad range of topics related to gang activity in the United States and abroad. Topics include: historical, theoretical and socioeconomic processes leading to gang formation, gang activities and typologies, gang membership and organization, gender roles within gangs, and social problems associated with gangs.
Requisites: Pre-req: SOC 101 . SOC 221 or SOC 240
Term(s) Offered: Spring, Even Years

SOC 347 Juvenile Delinq & Social Welfr 4 Credits
A sociological exploration of youth, crime, and the juvenile justice system in the United States. A wide variety of topics are covered, including the history, philosophy and contemporary context of the juvenile court, shifting patterns and trends relative to juvenile offending and crime, sociological theories accounting for involvement and deterrence from juvenile delinquency, the application of the rule of law to juvenile offending, and the effectiveness of rehabilitative programming in response to youthful offenders. The course covers the history of adolescence, youth culture, explanations for delinquency, the effects of race, class, and gender on delinquency, the relationship between institutions, particularly family and school, and delinquency and the interaction between juveniles and the criminal justice system.
Requisites: Pre-req: SOC 101
Term(s) Offered: Spring, Odd Years

SOC 351 Sociology of Mental Health 4 Credits
This course will apply the sociological perspective to various topics regarding mental health and illness. The course will cover topics such as the social construction of mental illness, the social epidemiology and epidemiology of mental illness, labeling and stigma of those with a mental illness, and mental health policy/treatment.
Requisites: Pre-req: SOC 101
Term(s) Offered: Spring, Odd Years

SOC 370 Environmental Sociology 4 Credits
This class explores the human dimension of ecosystem science. We use environmental sociology as a framework for understanding the dynamic relationship between humans and the environment, trends in environmental policy and public opinion, environmentalism as a social movement, human-induced environmental decline, and environmental justice. Students explore how changes in ecosystems influence the achievability and sustainability of societal values such as security from natural disasters, health, good social relations, and freedom to pursue personal and cultural interests.
Requisites: Pre-req: SOC 101 and one additional SOC course
Cross-listed as: SOC 370/ENV 370
Term(s) Offered: Spring, Even Years

SOC 382 Introduction to Social Welfare 4 Credits
This course offers students a broad understanding of contemporary social problems and the social welfare policies, programs and services designed to address them. The history, individual and social consequences, and programmatic approaches to the amelioration of each social problem area is explored. A primary goal of this course is to introduce students to the profession of social work: its fields of practice, values and ethics. This course integrates core social work competencies and has particular relevance to students considering practice, administrative or policy careers in the helping professions.
Requisites: Pre-req: SOC 101 or PSY 112
Cross-listed as: PSY 382/SOC 382
Term(s) Offered: Spring, All Years

SOC 390 Sociology Internship 4 Credits
The department encourages students with prior courses in sociology to develop, with a member of the department, internship opportunities. Students interested in pursuing internships should read Internships and Other opportunities, in this Catalog. In addition to the requirements listed there, interns should expect to write a paper describing their experiences, as relevant to sociology, and connected to a reading list to be developed and agreed upon by the intern and the supervising faculty member. Prerequisite: Sociology 101 and permission of the department chair. 45 hours are required per credit.
Requisites: Pre-req: SOC 101
Term(s) Offered: All Terms, All Years

SOC 394 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Graded A-F and Pass/Fail.
Term(s) Offered: All Terms, All Years

SOC 397 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours are required per credit.
Requisites: Pre-req: SOC 101 and two additional SOC courses
Term(s) Offered: All Terms, All Years

SOC 413 Work and Gender 4 Credits
This course examines the expectations, opportunities, and rewards as well as the limitations that men and women face in paid and unpaid labor. The historical contexts of work, the intersection of race and gender, the balancing of paid and unpaid labor, and global patterns of work with respect to gender are studied.
Requisites: Pre-req: SOC 101 and one additional SOC course
Term(s) Offered: Fall, Odd Years

SOC 451 Sociology of Aging 4 Credits
This course evaluates the social, psychological, and biological changes that occur with aging and how these changes affect interactions between older people and their family, friends, home, community, and society. Special attention is given to the sociological aspects of aging and the impact the increasing older adult population has on the US today. The course takes classroom learning and apply it to real world experiences through a significant service-learning project. Students should be prepared to spend 20 hours in a community-based project during the course of the semester.
Requisites: Pre-req: SOC 101
Term(s) Offered: Spring, Even Years

SOC 462 Sociology of the Body 4 Credits
An examination of bodies as a source of power, repression, and subjugation, a medium for expression, and an entity to be controlled. This course investigates how the body is influenced by social forces, the meanings attached to the body and particular body parts, the ways in which we experience our own bodies in contemporary society, and the significance of the body for the discipline of sociology. Includes study of characteristics such as body size, physical ability, race, and sex as well as various forms of elected or forced body modification.
Requisites: Pre-req: SOC 101 and one additional SOC course
Term(s) Offered: Fall, Odd Years

SOC 483 Field Experience in Social Welfare 4 Credits
A study of the organization and operation of social agencies. Field experience in welfare work under professional supervision.
Requisites: Pre-req: SOC 382
Term(s) Offered: Fall, All Years

SOC 484 Field Experience in Social Welfare 4 Credits
A study of the organization and operation of social agencies. Field experience in welfare work under professional supervision.
Requisites: Pre-req: SOC 382
Term(s) Offered: Spring, All Years

SOC 490 Sociology Internship 2-4 Credits
The department encourages students with prior courses in sociology to develop, with a member of the department, internship opportunities. Students interested in pursuing internships should read Internships and Other opportunities, in this Catalog. In addition to the requirements listed there, interns should expect to write a paper describing their experiences, as relevant to sociology, and connected to a reading list to be developed and agreed upon by the intern and the supervising faculty member. Prerequisite: Sociology 101 and permission of the department chair. 45 hours are required per credit.
Requisites: Pre-req: SOC 101
Term(s) Offered: All Terms, All Years

SOC 491 Senior Seminar 0 Credits
Students will meet for 75 minutes each week in the fall semester of their senior year for general guidance in the Capstone process, for integration of the undergraduate educational experience, and for guidance in the transition from undergraduate study to employment and to post-BA academic work. Participation in the Senior Seminar is a requirement of the major and counts towards the overall SCE grade.
Term(s) Offered: Fall, All Years

SOC 494 Special Topics 4 Credits
Topics not regularly offered in a department's normal course offerings, chosen based on current student interest and faculty expertise. Graded A-F and Pass/Fail.
Term(s) Offered: All Terms, All Years

SOC 496 Off-Campus Study 4 Credits
An agreement between a sponsoring faculty member and a student, researching a topic of interest that is relevant to a student's major or minor. Research is conducted on campus. Students must be enrolled before the research can begin. Graded A-F or Pass/Fail. 45 hours are required per credit.
Term(s) Offered: Summer, All Years

SOC 497 Independent Study 4 Credits
An agreement between a sponsoring faculty member and a student allowing the student to study a topic of interest that is presently not offered at WC. 45 hours are required per credit.
Requisites: Pre-req: SOC 101 and two additional courses in Sociology.
Term(s) Offered: All Terms, All Years

Theatre (THE)

THE SCE Senior Capstone Experience 2-4 Credits
A student may complete the Theatre SCE in one of several ways: a traditional research thesis in the areas of theatrical criticism, theory, or history; a playwriting thesis in which the student writes, workshops, and produces a rehearsed reading of a full-length play; a production thesis in which the student serves as dramaturg, stage manager, designer, performer, or director of a departmental production. Students may also propose alternative projects not listed above, to be developed and approved in collaboration with the faculty. Students are strongly encouraged to collaborate on their SCEs, either by folding multiple SCEs into a single student-produced show (with all SCE students equitably sharing the duties and title of producer) or by completing the SCE as part of a faculty-directed production.
Term(s) Offered: All Terms, All Years

THE 158 Dramaturgy 4 Credits
Analysis and discussion of the theoretical and practical aspects of dramaturgy, with particular emphasis placed on script analysis and historical research.
Term(s) Offered: All Terms, All Years

THE 181 Theatre Practicum: Crew 1 Credit
This course provides an opportunity for student technicians (lighting/sound/projection operators and backstage/wardrobe/run crew) of departmental theatre & dance productions to receive credit for their work. Technicians typically must participate in load-in, technical rehearsals, performances, and strike; specific duties are determined based on the needs of each production. Technicians should expect to devote a total of 20-50 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. Student technicians are automatically enrolled (either for credit or as auditors) after their production closes. Practicum courses may be repeated for credit (1,2) credit(s).
Cross-listed as: THE 181/DAN 181
Term(s) Offered: All Terms, All Years

THE 182 Theatre Practicum: Performance 2 Credits
This course provides an opportunity for student performers in departmental theatre & dance productions to receive credit for their work. Performers typically must participate in auditions, callbacks, rehearsals, load-in, technical rehearsals, performances, and strike; specific duties are determined based on the needs of each production. Performers should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: All Terms, All Years

THE 183 Theatre Practicum: Design 2 Credits
This course provides an opportunity for student designers of departmental theatre & dance productions to receive credit for their work. Designers typically must participate in a production orientation workshop (scenery, props, costumes, lighting, or sound), a design meeting with the departmental faculty, production meetings, load-in, technical rehearsals, and strike; specific duties are determined based on the needs of the production. Designers should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: All Terms, All Years

THE 184 Theatre Practicum: Dramaturgy 2 Credits
This course provides an opportunity for student dramaturgs of departmental theatre & dance productions to receive credit for their work. Students in these positions typically must participate in production meetings, rehearsals, load-in, technical rehearsals, and strike; specific duties are determined based on the needs of the production. Students in these positions should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: All Terms, All Years

THE 185 Theatre Practicum: Assistant Stage Mgmt 2 Credits
This course provides an opportunity for student assistant stage managers of departmental theatre productions to receive credit for their work. Assistant stage managers typically must participate in production meetings, rehearsals, load-in, technical rehearsals, performances, and strike; specific duties are determined based on the needs of the production. Assistant stage managers should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: All Terms, All Years

THE 186 Theatre Practicum: Choreography 2 Credits
This course provides an opportunity for student choreographers (movement/dance/fight) of departmental theatre productions to receive credit for their work. Students in these positions typically must participate in production meetings, rehearsals, load-in, technical rehearsals, and strike; specific duties are determined based on the needs of the production. Students in these positions should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: All Terms, All Years

THE 187 Theatre Practicum: Assistant Directing 2 Credits
This course provides an opportunity for student assistant directors of departmental theatre & dance productions to receive credit for their work. Students in these positions typically must participate in production meetings, rehearsals, load-in, technical rehearsals, and strike; specific duties are determined based on the needs of the production. Students in these positions should expect to devote a total of 60-100 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor. Practicum courses may be repeated for credit (1,2) credit(s).
Term(s) Offered: All Terms, All Years

THE 194 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

THE 201 Drama, Stage, and Society I 4 Credits
This theatre history course examines the development of (primarily) Western drama against a backdrop of historical and social change. Students read a variety of plays and discuss theatre history, dramatic theory, and criticism representing the major currents in (primarily) Western theatre from its origins to the 18th century CE. We frequently employ one or more of the following lenses or viewpoints to focus our lectures and discussions: the physical theatre (how the material artifacts of theater-buildings, documents, etc.-tell the story of theatre history and influence dramaturgy); the social theatre (how the theatre relates to its social context, including consideration of the audience); and the performing theatre (the plays themselves and how they were/are performed). Students are encouraged to draw connections between the material we cover in this course and the many intellectual and aesthetic parallels to be found in contemporaneous trends in history, philosophy, literature, and the arts.
Cross-listed as: The*201 The*202
Term(s) Offered: Fall, All Years

THE 203 Drama, Stage, and Society II 4 Credits
This theatre history course examines the development of (primarily) Western drama against a backdrop of historical and social change. Students read a variety of plays and discuss theatre history, dramatic theory, and criticism representing the major currents in (primarily) Western theatre from the 18th century to 1992. We frequently employ one or more of the following lenses or viewpoints to focus our lectures and discussions: the physical theatre (how the material artifacts of theater-buildings, documents, etc.-tell the story of theatre history and influence dramaturgy); the social theatre (how the theatre relates to its social context, including consideration of the audience); and the performing theatre (the plays themselves and how they were/are performed). Students are encouraged to draw connections between the material we cover in this course and the many intellectual and aesthetic parallels to be found in contemporaneous trends in history, philosophy, literature, and the arts.
Term(s) Offered: Spring, Even Years

THE 205 Shakespeare I 4 Credits
This course examines some of Shakespeare's best known earlier plays (those written before the death of Queen Elizabeth in 1603) both in the context of early modern English culture and as play scripts/performances. Using films and live productions it considers the plays as they have been and could be interpreted for performance. This class examines a number of these exciting works through a variety of lenses from gender to performance history.
Cross-listed as: THE 205/ENG 205
Term(s) Offered: Fall, All Years

THE 206 Shakespeare II 4 Credits
This course examines some of Shakespeare's best known later plays (those written after the death of Queen Elizabeth in 1603) both in the context of early modern English culture and as play scripts/performances. Shakespeare's later plays are complicated portraits of people and societies going through incredible change. This class will examine a number of these exciting works through a variety of lenses from gender to performance history.
Cross-listed as: ENG 206/THE 206
Term(s) Offered: Spring, All Years

THE 211 Introduction to Acting 4 Credits
Analysis and application of basic acting techniques with a concentration on scene study and character analysis.
Term(s) Offered: All Terms, All Years

THE 221 Introduction to Directing 4 Credits
Study of the basic principles and practices of directing, including interpretation, structural analysis, and investigation of basic staging techniques.
Term(s) Offered: Fall, All Years

THE 231 Stagecraft 4 Credits
In this course, students engage in hands-on investigation of the tools, methods, and materials used in the theatrical production process, including scenic & props construction, scenic painting, rigging, scale drafting, shop safety, and lighting, sound, & projections technology. Required laboratory hours will be arranged in consultation with the instructor.
Term(s) Offered: Fall, All Years

THE 233 Creative Process 4 Credits
This course gives an overview of major topics in creativity: the pleasures and pitfalls as well as effective strategies to use in creative work. Each week we tackle another issue and explore ways to approach creativity in the broadest sense. At the same time students work on self-directed projects throughout the semester (largely outside of class time), submit weekly progress updates, and periodically share with the class. By the end of the semester students have a range of tools and hands-on experiences to return to again and again in their future creative work. Prerequisite: One course of Studio Art, Music, Theatre, Dance, or Creative Writing, or permission of the instructor.
Requisites: Pre-req: One course of Studio Art, Music, Theatre, Dance, or
Cross-listed as: Art 277/MUS 234/THE 233
Term(s) Offered: Spring, All Years

THE 241 Introduction to Theatrical Design 4 Credits
This course offers a broad look at all aspects of theatrical design, including scenery, properties, costume, lighting, and sound, with an emphasis on inter-disciplinary skills such as close reading (of texts and images), research and clear communication (written, visual and aural). Students learn to approach theatrical questions from a variety of angles, and develop a basic understanding of all design elements and how they fit together.
Term(s) Offered: All Terms, All Years

THE 285 Adv Theatre Practicum: Stage Management 4 Credits
This course provides an opportunity for student stage managers of departmental theatre & dance productions to receive credit for their work. Stage managers typically must participate in weekly roundtable discussions with the faculty, auditions, callbacks, production meetings, rehearsals, load-in, technical rehearsals, performances, and strike; specific duties are determined based on the needs of the production. Stage managers should expect to devote a total of 120-200 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s), and will be given an opportunity to request credit by contacting the instructor.
Requisites: Pre-req: THE 185 or THE 371
Term(s) Offered: All Terms, All Years

THE 287 Theater Practicum: Advanced Directing 4 Credits
This course provides an opportunity for student directors of departmental theatre & dance productions to receive credit for their work. Students in these positions typically must participate in production meetings, rehearsals, load-in, technical rehearsals, and strike; specific duties are determined based on the needs of the production. Students in these positions should expect to devote a total of 120-200 hours, some of which may be during college breaks, adjacent semesters, weekends, holidays, and other unusual times. At the beginning of each semester, all students involved in departmental productions are automatically enrolled as auditors in the relevant practicum course(s) and will be given an opportunity to request credit by contacting the instructor.
Requisites: Pre-req: THE 187, THE 221 or THE 321
Term(s) Offered: All Terms, All Years

THE 290 Theatre Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

THE 294 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

THE 297 Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.

THE 306 American Musical Theater 4 Credits
The study of musical theater in America from the turn of the century to the present with emphasis on the form itself and its history. The course explores the structure of the musical and the dramatic functions of score, lyrics, and libretto as well as the political, societal, musical, and theatrical reasons for changes in the form.
Term(s) Offered: Fall, All Years

THE 311 Advanced Acting 4 Credits
Using varying texts and performance styles, this course builds upon the ideas and skills of Introduction to Acting, with a focus on incorporating characterization and given circumstances with scene study. Students employ action-based techniques to determine their characters' objectives and to explore the tactics they use to overcome obstacles and achieve their goals. Performance texts and styles vary by semester; details will be posted before registration. Past offerings have included: Shakespeare, Contemporary Styles, Meisner, and Acting for the Camera.
Requisites: Pre or co-req: THE 211
Term(s) Offered: All Terms, All Years

THE 317 Theatrical Improvisation 4 Credits
The course examines the history, theory, and practice of theatrical improvisation as practiced in the United States and Canada since 1950.
Requisites: Pre or co-req: THE 211
Term(s) Offered: Spring, Odd Years

THE 321 Advanced Directing 4 Credits
This course will build upon the concepts initially explored in Intro Directing. Through discussion, exercises, and scene work, students will delve deeper into the craft of directing. Topics may include leadership approaches, collaboration with actors / designers / stage managers, text analysis, and exploration of different theatrical styles.
Requisites: Pre-req: THE 187 or THE 221
Term(s) Offered: Spring, All Years

THE 351 Introduction to Playwriting 4 Credits
Analysis and practical application of techniques and styles employed in writing for the stage.
Cross-listed as: ENG 351/THE 351
Term(s) Offered: Fall, All Years

THE 358 Script Analysis & Dramaturgy 4 Credits
An introduction to the methodologies of script analysis, as well as the theoretical and practical aspects of dramaturgy. In this course, students strengthen their communication skills by articulating their ideas about plays and theatre productions through the creation of short articles and exercises, in-class presentations, and research papers, examining topics such as choosing plays for a theatre season, new play development, contextual research and its application in the rehearsal room, and audience engagement.
Term(s) Offered: All Terms, All Years

THE 361 Adaptation 4 Credits
This course explores the theory and practice of adapting non-dramatic literature for the stage. Students examine the form through writing and staging short story adaptations, whose size and scope allow students to learn and explore various approaches to this kind of theatrical storytelling. The course provides students with a strong introduction to the theoretical and critical body of knowledge in the area of adaptation of literature. In addition, students develop skills in acting, directing, writing, and dramaturgy.
Term(s) Offered: Fall, Odd Years

THE 371 Stage Management 4 Credits
This course provides a thorough exploration of the roles and duties of the theatrical stage manager, from pre-production through closing night and beyond. Using a mix of readings, discussion, paperwork assignments, and lab activities, students develop both hard skills (such as document design, scheduling, and preparedness) and soft skills (such as communication, leadership, management, and collaboration). By the end of the semester, students will be well prepared to stage manage a fully-produced show. This course has no curricular prerequisite, but requires a baseline understanding of the rehearsal and production process; accordingly, enrolled students should have some experience working in the theatre (as an actor, designer, crew member, etc.).
Term(s) Offered: Fall, Non Conforming

THE 375 Arts Administration 4 Credits
This course explores various aspects of leadership, management, and entrepreneurship for the visual and performing arts. Students learn how arts organizations define themselves, make decisions, and plan for the future. Topics may include leadership & governance, mission & strategy, program planning & evaluation, intellectual property & contracting, marketing & public relations, and/or budgeting & fundraising. This course requires a baseline interest in and understanding of the arts.
Cross-listed as: ART 375/BUS 375/MUS375/THE375
Term(s) Offered: Spring, Odd Years

THE 390 Theatre Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.

THE 391 Junior Seminar 4 Credits
The course prepares theatre majors for the SCE through script analysis, critical thinking, synthesis of textual and performance analysis, research, readings, discussion, writing, and engagement with guest artists. Over the semester, students develop stronger oral and written communication skills, develop the leadership and management skills necessary for effective creative collaboration, and expand their own imaginative tools and resources. Students spend part of the semester writing and revising chapters for the written SCE Production Book. (Learning objectives may vary slightly from student to student, depending on the needs of each SCE project.) This course is required for all theatre majors, and must be taken in the spring of the junior year.
Cross-listed as: THE 391
Term(s) Offered: Spring, All Years

THE 394 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

THE 397 Theatre Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

THE 401 Dramatic Theory 4 Credits
Throughout history, thinkers have been variously excited, enraged, bothered or bored by theater. Through the rigorous study of the writings and historical context of the major thinkers in the evolution of theater (from Aristotle to Ehn), students come to a greater understanding of the various changes, permutations and responses to theater in the Western World.
Term(s) Offered: Other, Non Conforming

THE 490 Theatre Internship 4 Credits
A learning contract is developed prior to enrollment in an internship. Evaluation of student performance is completed by the faculty mentor based on the fulfillment of the contract terms and written evaluation by the internship site supervisor. Students must work at least 45 hours for each internship credit and be enrolled in the course prior to beginning work. Graded A-F or Pass/Fail.
Term(s) Offered: All Terms, All Years

THE 494 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

THE 497 Theatre Independent Study 4 Credits
An agreement between a sponsoring faculty and a student letting the student study a topic of interest not offered at WC. 45 hours are required per credit.
Term(s) Offered: All Terms, All Years

Wellness & Personal Developmen (WPD)

WPD 102 Bodyweight & Core Conditioning 1 Credit
Designed to teach and instruct students on the methods and practices of bodyweight exercises and the importance of 'pillar' (core) training to create simple yet effective workout routines. The course will also have a practical element where students will engage in actual exercise routines and practice the exercises discussed in the class. (Theory & Practice).

WPD 103 Sailing 1 Credit
Instruction and practice in small sailboats on the Chester River. (Practice)

WPD 104 Tennis 1 Credit
Students learn the sport's fundamental strokes: forehand, backhand, volley, and serve. The course also includes an explanation of the rules, as well as basic singles and doubles strategy. (Practice)

WPD 105 Basics of Golf 1 Credit
Instruction and practice in golf skills-chipping, pitching, full swing, putting, the rules of golf and golf etiquette. (Practice)

WPD 106 American Red Cross Lifeguarding/CPR 2 Credits
The course stresses physical fitness and strength and endurance combined with the skills and techniques needed to be a certified lifeguard. Students complete a standard ARC test; cards are issued for successful completion of the course. Additional fees apply. (Theory & Practice)

WPD 117 Basic Sports Performance&human Movement 2 Credits
The course offers instruction, practice and lecture-based learning on a variety of fitness concepts. Students learn the basic concepts of human movement, planes of motions, exercise techniques and selection, programming and periodization, flexibility, and mobility. Students receive an extended orientation to the Johnson Fitness Center, equipment, and how to write and follow an exercise program based on personal fitness goals. (Theory & Practice)

WPD 120 Yoga Nidra 1 Credit
In this course, students will learn the principles and practice of Yoga Nidra, an effortless guided meditation that facilitates a powerful and unique state of awareness. Sound healing uses specific instruments to balance and heal the body, mind, and spirit. Students attend two 50-minute in-person classes a week led by the instructor for seven weeks. They are also expected to practice assignments (recorded guided meditations available on-line) out of class and complete written reflections of their experiences, totalling an additional 3-4 hours week.
Term(s) Offered: Fall, All Years

WPD 123 Introduction to Rowing 1 Credit
Instruction and practice in rowing and sculling on the Chester River. Students learn proper technique through Washington College's shells and rowing equipment. Students utilize both the Washington College's boathouse water tanks, classroom for video analysis, and the Chester River for instruction. Passing a swim-test is required to take this course. (Practice)

WPD 125 Hatha Yoga 1 Credit
Hatha Yoga focuses on postures (asanas), breathing, and meditation. It is suitable for beginners and all fitness levels, as the movements are slow-paced and gentle. The benefits of Hatha yoga include better sleep, strengthening core muscles, flexibility, improving depression symptoms, and helping with stress management. (Practice)

WPD 126 Racquet Sports 1 Credit
Instruction and practice in the fundamentals of badminton, racquetball, platform tennis, and squash, including the rules and etiquette of each sport. (Practice)

WPD 130 Scuba 2 Credits
This PADI open-water certified diver course provides students with the knowledge and skills to safely explore the underwater world. Instruction includes two hours of classroom and two hours of pool time for six weeks plus a weekend open-water dive. Must pass a swimming test. Additional fees apply. (Theory & Practice)
Fees: $262 Scuba Course Fee

WPD 131 Advanced Scuba 0 Credits
An advanced scuba course. Additional fees apply.
Requisites: Pre-req: Take WPD 130

WPD 132 Cycling 1 Credit
Students bike for aerobic exercise as well as the care, repair, and maintenance of bikes and techniques for safe riding. Bikes are provided if needed. (Practice)

WPD 135 Basics of Swimming 1 Credit
Basic instruction in swimming, including proper form and strokes (breaststroke, butterfly, backstroke, sidestroke, freestyle) and basic safety maneuvers (treading and floating) are taught. No prior swimming experience is necessary. This class accepts varying degrees of experience. Students complete the swim test for Washington College water-related activities as part of the course. (Practice)

WPD 147 Personal Training Certification 2 Credits
Washington College partners with the National Academy of Sports Medicine to offer this course. Students follow an accelerated learning program on the human movement system, fitness assessment, integrated training and theory application, design of fitness programs, nutrition and exercise, lifestyle coaching and professional development. The course does not guarantee a personal trainer certification which requires students to pass the NASMCPT exam at a certified testing center. Additional fees apply. (Theory & Practice)

WPD 151 Methods of Coaching 2 Credits
An experiential learning course where students examine the roles of the coach, the four components of sports and how to teach them, elements of leadership, methodologies for organizing and delivering practices, developing a coaching philosophy, and solving ethical dilemmas. Emphasis is placed on the psycho-social aspects of coaching. Students are tasked with a final project of creating and delivering a practice session (utilizing their classmates as practice players) in the sport of their choosing. Participation in these practice sessions is encouraged but not mandatory. (Theory)

WPD 194 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

WPD 240 Practicing Mindfulness 2 Credits
This course will provide students with an introduction to mindfulness through a combination of lecture, practice, and class discussion. Students will learn the core principles of mindfulness and how to apply them to their daily lives. A key component of this experiential course will involve students developing their own mindfulness practice, as they explore different strategies and develop skills to enhance their awareness of the mind-body connection.
Cross-listed as: PSY 240/WPD 240
Term(s) Offered: Spring, All Years

WPD 294 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

WPD 394 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

General Education Distribution

General Education Requirements

General education requirements ensure students are introduced to a diverse range of liberal arts and sciences. Major requirements ensure that students concentrate sufficiently in at least one liberal art or science to attain proficiency. Graduation requirements (required 2.0 minimum GPA & 128 earned credits) ensure the academic integrity of each degree the College awards.

All WC students must satisfy the following general education requirements with a passing letter grade, unless otherwise noted:

The Writing Program

All students complete at least four deliberate writing experiences that comprise the Writing Program. These experiences, sequenced over four years develop students' knowledge, skills, and habits essential to the clear thinking, sharp inquiry, careful analysis, and effective expression at the heart of the college's tradition of liberal education. Writing is a prominent feature of the WC curriculum, and across all disciplines. It serves to help students discover the purpose and passion that guides their intellectual endeavors. The sequenced writing framework states how writing continues to be the core of the College's mission—and at the heart of our transformative student experience.

Students fulfill the Writing Program requirements by completing four courses, one in each of the following categories:

W1 Critical Inquiry:
W1 introduces all students to essential thinking activities of liberal arts education, including inquiry, critical thinking, discussion, writing, and argument. Students fulfill this requirement by completing a first-year seminar (FYS). Washington College's First-Year Seminar program (FYS 101) introduces new students to critical inquiry and learning, and the key academic skills required for sustained collegiate success. FYS 101 covers a

wide range of topics, but all share three essential elements: the passion of a dedicated instructor, a small-seminar format where students contribute and learn from each other, and a sustained focus on careful reading, sound research, thoughtful discussion, and clear writing—the 'habits of critical inquiry' at the heart of liberal education.

FYS 101 courses introduce students to library research and information literacy; offer instruction on the writing process, rhetorical knowledge, and academic conventions; and include significant research, writing, revision, and presentation work.

Students may drop one FYS seminar and add another within the Drop/Add period but may not withdraw from an FYS seminar without the approval of the Dean of Student Achievement and Success. Students approved to withdraw from an FYS seminar must enroll in an FYS seminar in the next possible semester. Students must earn a "D-" or better in FYS 101 First-Year Seminar in order to satisfy the requirement.

W2 Process of Writing:
W2 courses continue the development of rhetorical knowledge and critical thinking introduced in W1, while providing additional time and attention to the practice of all aspects of writing processes. Students must complete one W2 course by the end of their second year at Washington College, or by completion of 60 credits. Courses that fulfill this requirement are indicated on the course schedule every semester. The W2 requirement may not be fulfilled with transfer credit. The two exceptions are for students in the Direct Transfer program or transfer students eligible for the Flexible Transfer Curriculum Policy and who transferred in Freshman Composition I and Freshman Composition II.

W3 Writing in the Discipline:
The W3 requirement advances the larger program goals of persuasive analysis, flexible thinking, responsible inquiry, and effective expression into each department and major, focusing attention on the methods and modes of writing and critical thinking specific to a discipline or major field of study. Courses for requirement are indicated on the Self-Service Class Schedule/Catalog tile. Each major has a W3 course required, so simply completing a major ensures the W3 writing requirement is met.

W4 Senior Capstone Experience:
W4 is the capstone of the writing experience at Washington College. All seniors complete discipline-specific writing as part of their Senior Capstone Experience (SCE), demonstrating the elements of critical thinking, writing processes, rhetorical knowledge, and knowledge of conventions they have developed in previous writing experiences across the curriculum and in the major. Students complete the W4 requirement by completing a required SCE.

Plus the Distribution Requirements (p. 428)

Transfer Student General Education Requirements.

Transfer students with 28 or more transferable credits do not have to take an FYS 101 First-Year Seminar seminar. Note that first-time college students bringing in 28 or more transferable credit hours will not have this requirement waived: only transfer students with 28 or more transferable credits hours will have the requirement waived.

Students entering the College with Advanced Standing credits (AP, CIE, CLEP, or IB) may apply those credits toward the distribution requirements up to a total of 32 credit hours.

Students may drop one FYS seminar and add another within the Drop/Add period but may not withdraw from an FYS seminar without the approval of the Dean of Student Achievement and Success. Students approved to withdraw from an FYS seminar must enroll in an FYS seminar in the next possible semester. Students must earn a "D-" or better in FYS 101 First-Year Seminar in order to satisfy the requirement.

Alternatives to General Education Requirements

Students who plan General Education outside of the normal guidelines may write a proposal to this effect and submit it to their advisor as a basis for discussion of the feasibility of the plan. After consultation with the advisor, the student sends the proposal to the Committee on Academic Standing and Advising (CASA) for a final decision. Approval of such proposals depends on convincing evidence the desired scheme provides an alternate way of adequately meeting the broad aims of the Distribution Requirement(s). Proposals must include provisions for meeting specific goals as the following: promotion of cultural breadth, introduction to empirical investigation, provision of some basis for aesthetic appreciation or creativity, acquaintance with the nature of language (natural or symbolic), and opportunity to view complex phenomena.

Distribution Requirements

To ensure breadth of learning, all students are required to complete courses from four categories listed below, unless a waiver is granted based on Advanced Standing credits (AP, CIE, CLEP, or IB), Community College Direct Transfer, or Transfer Credit equivalency.

Other than the Natural Science component, combining courses from two subjects to satisfy part of a distribution requirement is not allowed without permission from the Department Chairs housing the subjects. Theis permission must be obtained by the student and submitted in writing to the Registrar before the student takes the second of the two courses. Students may not use a single course to satisfy more than one distribution requirement simultaneously. However, courses offered to satisfy distribution requirements may also count toward any number of major or minor requirements.

I. Foreign Language

Complete one or two courses in a foreign language or otherwise fulfill the requirement, as detailed here:

- Students starting a new language or students placed in the 101 or 102 level: two semesters in the new or placement language.
- Students placed in the 200-level or above in French, German, Spanish, or Chinese complete one four-credit course.
- Students who have earned a 4 or 5 on the Advanced Placement test have satisfied this requirement.
- Students whose native language is not English may satisfy the language requirement with that language pending approval from the Associate Chair of World Languages and Cultures. (Heritage speakers are not exempt from the language requirement.)
- Students with a language-based learning disability, and who are granted an accommodation by the Office of Academic Skills, may apply for an OAS accommodation (p. 240). Students granted an OAS accommodation fulfill the Foreign Language Requirement by substituting two four-credit courses (eight credits total), taught in English, or in a foreign culture. Courses must be selected from the list of courses approved for this accommodation by the chair of the World Languages and Cultures department and available from the Office of Academic Skills.

II. Natural Science and Quantitative Skills

Students complete three courses, with two natural-science courses and one quantitative course (option A below), OR two quantitative courses and one natural-science course (option B below), as detailed here:

A. TWO NATURAL-SCIENCE COURSES AND ONE QUANTITATIVE-SKILLS COURSE (SEE 1 & 2 BELOW)

1. Complete a natural science general sequence. This option is for students who plan to major in biology, chemistry, environmental science, environmental studies, physics, or psychology, or who intend to apply to medical or veterinary school, also recommended for students seeking teacher certification and have an interest in the sciences:

BIO 111 General Biology I with Lab & BIO 112 General Biology II with Lab

CHE 120 Chem Principles Org Molecules with Lab & CHE 122 Chemical Principles Orgnc Molecules Lab AND CHE 140 Reactions of Organic Molecules with Lab & CHE 142 Reactions of Organic Molecules Lab

ENV 140 Exploring the Solid Earth with Lab & ENV 141 Atmosphere, Ocean & Environment w/Lab

PHY 101 College Physics I with Lab & PHY 102 College Physics II with Lab (algebra based)

PHY 111 General Physics I with Lab & PHY 112 General Physics II with Lab (calculus-based).

2. Complete any two (non-sequential) natural science courses. Any two of the non-major science courses on this list may be taken, or one of these may be paired with a course from the list under Option 1. Note that since BIO 100 courses are diverse, two BIO 100 courses on different topics may be paired.

BIO 100 Current Topics in Biology with Lab

CHE 120 Chem Principles Org Molecules with Lab & CHE 122 Chemical Principles Orgnc Molecules Lab

CRS 240 The Natural Science of an Estuary

PHY 105 Astronomy with Lab

ENV 140 Exploring the Solid Earth with Lab

Students who complete two natural-science courses as specified above may complete the Natural Sciences and Quantitative requirement with just one Quantitative Skills course. The following courses count toward the quantitative component (majors may require a specific course from below).

BUS 109 Managerial Statistics

ECN 215 Data Analysis I

MAT Any Mathematics OR CSI Computer Science course

MUS Theory course (MUS 131 , MUS 132, or MUS 231)

PHL 108 Introduction to Logic

POL 209 Political Data Analysis

PSY 209 Statistics & Research Design I with Lab

B. Two quantitative-skills courses and one natural-science course:

A common pathway for students whose major (i.e. Business Management) has a two-course quantitative requirement. There are three main options:

Option 1: Complete any two Mathematics (MAT) and/or Computer Science (CSI) courses, with the exception that MAT 106 Stretch Differential Calculus I and MAT 107 Stretch Differential Calculus II must **both** be taken to count for this option. Some Math special-topics courses may not qualify—consult the department chair for specific special-topics courses.)

Option 2: Complete any two Music Theory courses: MUS 131 , MUS 132 or MUS 231 .

Option 3: Complete two quantitative-skills courses from this listing.

Code	Title	Credits	Notes
Select one of the following:			_____
BUS 109	Managerial Statistics		_____
ECN 215	Data Analysis I		_____
MAT 109	Statistical Inference & Data Analysis I		_____
POL 209	Political Data Analysis		_____
PSY 209	Statistics & Research Design I with Lab		_____
Select one of the following:			_____
BUS 209	Financial Analysis		_____
ECN 320	Econometrics		_____
Any MAT/CSI course besides MAT 106, MAT 107, and MAT 109			_____

Students completing two quantitative skills courses as specified above may complete the Natural Sciences and Quantitative requirement with any Natural Science course listed in Option A above.

See department course listings for prerequisite restrictions and/or major requirements. Completing the Natural Science and Quantitative distribution requirement is not the same as fulfilling a major requirement. Students should complete the Option best aligned with major requirements,.

Students may not receive academic credit for both BUS 109 Managerial Statistics and MAT 109 Statistical Inference & Data Analysis I

III. Humanities and Fine Arts Distribution Requirement

Complete three courses, two humanities courses and one fine-arts course (option A below), OR two fine-arts courses and one humanities course (option B below).

A. TWO HUMANITIES COURSES AND ONE FINE-ARTS COURSE

Choose one of the options and add a fine-arts course:

Communication and Media Studies option: CMS 101 Intro to Communication & Media Studies and CMS 201 Contemporary Popular Film & TV.

English option: ENG 101 Literature and Composition and one 200-level English course, or two 200-level English courses.

Foreign Language option: Any two courses taught in the same foreign language 303 or above, e.g. FRS, GRS, or HPS 303+ (except HPS 307).

International Literatures and Cultures option: Two International Literatures and Culture courses.

Philosophy option: Two Philosophy courses (except PHL 108).

Any one course from the options above will fulfill the Humanities component for students taking *two* Fine Arts courses.

B. TWO FINE-ARTS COURSES AND ONE HUMANITIES COURSE

Choose one fine-arts option and add a humanities course:

Art & Art History option: Two four-credit Art or Art History courses.

Dance option: Eight DAN credits (except DAN 181, DAN 182, DAN 183, DAN 184, DAN 185 DAN 186, DAN 285, or DAN 381).

Music option: Eight MUS credits (except MUS 131 MUS 132, and MUS 231)

Theatre option: Eight credits of Theatre courses (except THE 375).

Any *one* course from the list above, or a combination of four credits from the same department, will fulfill the Fine Arts component for students taking *two* Humanities courses.

IV. Social Science Distribution Requirement

Students must complete three four-credit courses, with two from one department and the third from a different social-science department, as detailed below. Students must select an option from the two-course pathway, and an option in a different social-science department from the one-course pathway.

Two-course pathway (two courses from the same department):

Code	Title	Credits	Notes
Anthropology and Archeology option:			_____
any two ANT courses			_____

Code	Title	Credits	Notes
Economics option:			_____
Select 1 Sequence From Below			_____
ECN 111 & ECN 112	Principles of Macroeconomics and Principles of Microeconomics		_____
OR			_____
ECN 111	Principles of Macroeconomics		_____
or ECN 112	Principles of Microeconomics		_____
and any other ECN course with the exception of ECN 215. ENV 117 may also be taken.			_____

Code	Title	Credits	Notes
Education option:			_____
EDU 251	Principles of Education		_____
EDU 252	Educational Psychology		_____

Code	Title	Credits	Notes
History option:			_____
HIS 111	Introduction to History		_____
And select 1 Course From Below			_____
HIS 201	History of the United States to 1865		_____
HIS 202	History of the United States Since 1865		_____
HIS 203	Modern World History I		_____
HIS 204	Modern World History II		_____
HIS 205	Early Origins of Western Civilization I		_____
HIS 206	Early Origins of Western Civilization II		_____

Code	Title	Credits	Notes
Political Science option:			_____
POL 102	American Government and Politics		_____
POL 104	Introduction to World Politics		_____
OR			_____
POL 102	American Government and Politics		_____
and any 200- or 300-level POL course			_____
OR			_____
POL 104	Introduction to World Politics		_____
and any 200- or 300-level POL course			_____

Code	Title	Credits	Notes
Psychology option:			_____
PSY 111 & PSY 112	General Psychology and General Psychology	8	_____
OR Either			_____

PSY 111	General Psychology	_____
or PSY 112	General Psychology	_____
AND 1 Course From Below		_____
PSY 202	Life-Span Development	_____
PSY 205	Drugs & Behavior	_____
PSY 220	Human Sexuality	_____

Code	Title	Credits	Notes
Sociology option:			_____
SOC 101	Intro to Sociology		_____
and any 200-level SOC course			_____

One-course pathway (one introductory course from a social-science subject, to be combined with a two-course pathway, as detailed above):

Anthropology and Archaeology (ANT) option: Any ANT course (note that some courses have prerequisites).

Economics (ECN) option: ECN 111, or ECN 112.

Education (EDU) option: EDU 251 or EDU 252

History (HIS) option: HIS 111 or any 200-level HIS course.

Political Science (POL) option: POL 102 or POL 104.

Psychology (PSY) option: PSY 111 or PSY 112.

Sociology (SOC) option: SOC 101

Honors and Awards

Individual Awards

A number of awards honor individual members of the College community for special achievements in scholarship, athletics, and leadership. These are awarded at commencement or appropriate occasions during the academic year.

Phi Beta Kappa

The Phi Beta Kappa Society was founded in 1776 at the College of William and Mary as the nation's first academic honor society. Over two centuries later the Society's mission continues to be to honor and advocate the ideals of a liberal arts education. Society members prize freedom of inquiry and expression, rigorous scholarship within and among the disciplines, breadth of intellectual perspective, the cultivation of skills of deliberation and ethical reflection, and the pursuit of wisdom. Among the programs of the national Society are academic and literary awards, lectureships, fellowships, visiting professorships, and publication of *The American Scholar*, an award-winning quarterly journal.

Membership in Phi Beta Kappa is widely considered to be the most highly regarded mark of academic distinction for undergraduate students in liberal studies. Only about ten percent of the nation's institutions of higher learning shelter chapters of Phi Beta Kappa, and only about ten percent of those institutions' graduates in liberal studies are offered membership. Washington College's chapter, the Theta Chapter of Maryland, was founded in 2007.

Invitations to join Phi Beta Kappa are extended each spring to Washington College students, usually seniors, of exceptional academic achievement in liberal studies, the area of focus of the Society. To be eligible for consideration for membership, students must complete at least 96 credit hours in courses deemed by the national Society to be "liberal studies" (as opposed to "vocational" in nature). The diversity of one's college program, academic excellence, and exceptional character are the primary factors considered in deliberations among Phi Beta Kappa resident members (faculty and staff) who vote by secret ballot on candidates for membership.

In addition to sponsoring campus events that are consistent with the overall mission of the Society, each fall Washington College's Theta Chapter of Phi Beta Kappa recognizes students who achieved the highest cumulative grade point average in their first year at the College, and each spring presents the Gerda Blumenthal Award to a first- or second-year student for special scholarly work in the humanities.

Honorary Fraternities and Societies

Phi Beta Kappa, Theta of Maryland, sheltered at Washington College, is the oldest undergraduate honors organization in the United States. It celebrates and advocates excellence in the liberal arts and sciences.

Omicron Delta Kappa is a national leadership honor society recognizing and encouraging the achievement of exemplary character and superior quality in scholarship and learning. ODK identifies, honors and develops leaders in collegiate and community life; encourages collaboration among students,

faculty, staff and alumni to advance leadership; and promotes, publicizes and enhances its ideals. ODK expects adherence to the highest standards of Scholarship, Service, Integrity, Character and Fellowship.

Order of Omega is the national Greek leadership honor society for juniors and seniors who attain a cumulative grade point average above the All-Greek average and who embody a high standard of leadership.

Lambda Alpha is the national collegiate honor society for anthropology. It was founded for the purpose of encouraging and stimulating scholarship and research in anthropology by recognizing and honoring superior achievement in the discipline among students, faculty and other persons engaged in the study of anthropology.

Beta Beta Beta, Rho Iota Chapter, is a national honor society for students dedicated to improving the understanding and appreciation of biological study and extending the boundaries of human knowledge through scientific research.

Sigma Beta Delta is a national honor society in business, recognizing students in the top 20% of their class who aspire toward personal and professional improvement and a life distinguished by honorable service to humankind.

Gamma Sigma Epsilon, Gamma Eta Chapter, is the national honor society in chemistry recognizing outstanding students demonstrating exceptional ability and interest in the field of chemistry.

Delta Eta Pi is a national dance honor society sponsored by the National Dance Society to recognize students for outstanding achievements in dance, including performance, choreography, scholarship, technology, and community service. DEPi recognizes artistic and academic achievement and promotes dance education within the college and the local community.

Omicron Delta Epsilon is an international honor society recognizing high achievement and strong personal interest in economics.

Pi Lambda Theta is a national honor society that serves to recognize outstanding students who intend to pursue careers in education.

Sigma Tau Delta is an international honor society whose central purpose is to confer distinction upon outstanding students of the English language and literature.

Pi Delta Phi is the national honor society recognizing outstanding scholarship in the French language and its literature. Its purpose is to increase the knowledge and appreciation of the French-speaking world and to stimulate and encourage French cultural activities. Students must be either a French studies major or minor with sophomore or better class standing, have a minimum 3.00 GPA in French courses and in their overall coursework, and demonstrate a commitment to the study of French language and literature.

Delta Phi Alpha is the National German Honor Society. Delta Phi Alpha seeks to recognize excellence in the study of German and to provide an incentive for higher scholarship. The Society aims to promote the study of the German language, literature and civilization and endeavors to emphasize those aspects of German life and culture which are of universal value and which contribute to humanity's eternal search for peace and truth.

Phi Alpha Theta is a national honor society for students in the upper third of their class who have demonstrated excellence in research and writing in the field of history.

Alpha Mu Alpha, the national marketing honorary, recognizes qualified undergraduate students for their outstanding scholastic achievement in the area of marketing. Graduating students who have (1) declared and met the requirements of the Marketing minor and (2) who have achieved an overall GPA of at least 3.25 as of the semester prior to graduation will be invited to join.

Phi Sigma Tau, Delta Chapter, is a national honor society recognizing high scholarship and personal interest in philosophy.

Pi Sigma Alpha is a national honor society in political science recognizing students in the upper third of their class who have demonstrated productive scholarship and personal interest in government, international relations, or public administration.

Psi Chi is an international honor society in psychology, awarding distinction to students in the upper 35% of their class who have demonstrated productive scholarship in psychology.

Sigma Xi, the Scientific Research Society, was founded in 1886 as an honor society for science and engineering. Today, Sigma Xi is an international research society whose programs and activities promote the health of the scientific enterprise and honor scientific achievement. In addition, Sigma Xi also endeavors to encourage support of original work in science and technology and promote an appreciation within society at large for the role research has played in human progress. Among its chief mission Sigma Xi seeks to foster worldwide interactions among science, technology, and society. Membership is awarded to students who have accomplished substantive research achievements and, in the judgment of the members of the Washington College Chapter of Sigma Xi, have demonstrated exceptional promise as research scientists.

Alpha Kappa Delta is an international honor society dedicated to the investigation of humanity for the purpose of service and the acknowledgment and promotion of excellence in scholarship in the study of sociology.

Sigma Delta Pi, Sigma Zeta Chapter is a national honor society in Spanish recognizing students in the upper 35% of their class who have demonstrated superior academic achievement and commitment to the study of Spanish language and Hispanic literature and culture.

Pi Mu Epsilon, Maryland Iota chapter, is an honor society whose purpose is the promotion of scholarly activity in mathematics among students in academic institutions. It aims to do this by electing members on an honorary basis according to their accomplishments in mathematics and engaging in activities designed to promote the mathematical and scholarly development of its members.

Academic Honors and Prizes Conferred by the Entire Faculty

The *Louis L. Goldstein '35 Award* is awarded to a graduating senior who, in the opinion of the faculty, has demonstrated unusual interest, enthusiasm and potential in the field of public affairs.

The *Eugene B. Casey Medal* is awarded to a senior woman voted by the faculty to be outstanding in the qualities of scholarship, character, leadership, and campus citizenship.

The *Henry W. C. Catlin 1894 Medal* is awarded to a senior who has demonstrated significant growth and perseverance in and out of the classroom.

The *Clark-Porter Medal* is awarded to the student whose character and personal integrity, in the opinion of the faculty, have most clearly enhanced the quality of campus life. Created by Charles B. Clark '34 in memory of Harry P. Porter, Class of 1905.

The *George Washington Medal and Award* is awarded to the senior who shows the greatest promise of understanding and realizing in life and work the ideals of a liberal education.

Other Academic Honors and Prizes

The First-Year Scholarship Medal is awarded to the first-year student who attains the highest academic average in the class.

The Alumni Medal is awarded by the alumni of the College to the member of the sophomore class who attains the highest cumulative average in the class.

The Visitors and Governors Medal, given by the trustees of the College, is awarded to the junior with the highest cumulative average in the class.

The American Studies Program Senior Capstone Experience Award is awarded to a graduating American studies major with the most outstanding senior research project.

The Anthropology Achievement Award is given to the graduating major or majors who, in the opinion of the department, have demonstrated superior scholarship in the field of anthropology.

The Anthropology Service Award is given to the graduating major who demonstrates the greatest dedication to leadership, service, and public education in anthropology at Washington College.

The Lambda Alpha Gamma of Maryland Chapter Senior Award is awarded to the graduating senior in anthropology who, as a member of Lambda Alpha, demonstrates exceptional promise as a research scientist in anthropology.

The Lynette Nielsen Professional Practice Award is awarded annually by the department faculty to a studio art senior who demonstrates exceptionally engaged, dedicated, and consistent creative practice over the course of the SCE year.

The Lynette Nielsen Juror's Choice Award is awarded annually by an invited guest juror to the artist presenting the most outstanding work of art in the Thesis Exhibition.

The Art History Award is presented annually to acknowledge excellence in the field of art history.

Washington College Pre-Allied Health Professional Award is awarded to the graduating biology major who has demonstrated academic excellence, who is pursuing an allied health degree, and who has a strong potential for success in an allied health field.

Washington College Pre-Medical Professional Award is awarded to the graduating biology major who has demonstrated academic excellence, who is pursuing a medical or veterinary degree, and who has a strong potential for success in the medical or veterinary fields.

Washington College Pre-Pharmacy Award is awarded to the graduating biology major who has demonstrated academic excellence, who is pursuing a Doctor of Pharmacy and who has a strong potential for success in the field of pharmacy.

Washington College Pre-Nursing Award is awarded to the graduating biology major who has demonstrated academic excellence, who is pursuing a nursing degree, and who has a strong potential for the field of nursing.

The Department of Biology Research Award is awarded to the graduating senior who has demonstrated excellence in academics and undergraduate biological research.

The Department of Biology Academic Achievement Award is awarded to the graduating senior who has demonstrated excellent academic achievement and exceptional depth of understanding in the field of biology.

The Department of Biology Award of Special Recognition is awarded to the graduating senior who has demonstrated academic strength in the field of biology and has shown outstanding engagement in classroom, laboratory, and the department.

The Department of Biology Teaching Award is awarded on special occasion to the graduating biology major who has demonstrated academic excellence and exceptional dedication to science education.

The Department of Business Management Award is given to a graduating business major who has demonstrated outstanding qualities of scholarship, character, and leadership.

The Department of Business Management Senior Capstone Experience Award is awarded to a graduating business major with the most outstanding senior research project, demonstrating high scholarship and analytical skills.

The Rebecca Corbin Loree Business Leadership Award is awarded to a Washington College senior who has demonstrated outstanding academic ability and leadership potential for business.

The Joseph H. McLain '37 Prize is awarded to the graduating senior who shows the greatest promise for making a future contribution to human understanding of chemistry. Endowed in 1982 by members of the American Pyrotechnics Association.

The James R. Miller '51 Award for Excellence in Chemistry is given annually to an outstanding senior majoring in chemistry or a premedical senior student who has demonstrated special interest and high academic achievement in chemistry.

The Communication and Media Studies Outstanding Scholar Award is awarded to the graduation senior major in Communication and Media Studies who has demonstrated high academic achievement; superior oral and written abilities; a commitment to diversity, inclusion, and interventional work; and leadership among their peers.

The Communication and Media Studies Senior Capstone Experience Award is awarded to the graduating senior major in Communication and Media Studies whose Capstone project best encompasses CMS' commitment to original research that contributes to public discourse by embracing difference and fostering progressive social change.

The Outstanding Dance Minor Student Award is awarded to a graduating dance minor for excellence in their education, including service activities, scholarship, and artistry.

The Economics Department Award is awarded for outstanding academic performance and the potential for high achievement in the field of economics.

The Dr. Davy H. McCall Prize in International Economics is awarded to a graduating senior majoring in economics who has demonstrated special interest, high academic achievement, and superior oral and written abilities in international economics.

The Rachel Scholz Leadership Award is awarded to a graduating senior who, in the judgment of the education department, has demonstrated the knowledge, skills, and dispositions of an outstanding teacher-leader.

The Sean O Connor Teaching Award is awarded to a graduating senior who, in the judgment of the education department, has consistently displayed outstanding performance in teaching and authentic student engagement.

The Education Department Award is awarded to a graduating senior who, in the judgment of the education department, has shown the promise of meaningful contributions to diversified pedagogy, cultural sensitivity, and global awareness within the fields of education and the liberal arts.

The Maureen Jacoby Prize is given to the graduating senior who has demonstrated dedication to student publications at Washington College and has strong potential for a future in the field of editing or publishing.

The Anna Melvin Hague 1905 Memorial Scholarship is awarded annually to a student whose demonstrated qualities of scholarship, character, and dedication will make the most effective contribution to the field of public education.

The Veryan Beacham Prize is awarded to a junior or student who is two semesters from graduation who has produced a body of writing on any intellectual subject or in any creative genre. The prize is the publication of that manuscript in a fine edition, which will be distributed by the College and others to professionals and alumni who are interested in exceptional students graduating from Washington College.

The Emil J. C. Hildenbrand Memorial Medal is awarded to the senior who attains the highest average in English during the four years of study. Given by the Washington, D.C. Chapter of the Alumni Association.

The Bennett Lamond Senior Capstone Award in English is awarded annually to a student with a superior senior capstone in the department of English.

The Sophie Kerr Prize is awarded to the senior having the best ability and promise for future fulfillment in the field of literary endeavor.

The Writers' Union Award is given for outstanding service to the Writer's Union. A gift of David Roach '71, the Writers' Union first president.

The Environmental Science and Studies Award is given annually to the student who has demonstrated through action or scholarship an abiding interest in promoting environmental awareness.

Middendorf Award for Academic Excellence in the Study of the Environment is given annually to the student who has exhibited outstanding academic accomplishments in environmental science or studies.

The Department of Environmental Science and Studies Research Potential Award is awarded annually to the student who demonstrates excellent leadership, organization, initiative, and skill in laboratory, field, and/or computer modeling research.

The Gender Studies Award is awarded to a graduating senior who has displayed unusual interest and/or scholarship in the field of gender studies.

The Arthur A. Knapp '39 Memorial Prize in History is awarded to the graduating history major who, in the opinion of the department, has displayed unusual interest, enthusiasm, and ability in the field of history.

The Phi Alpha Theta Award is granted to the graduating senior history student whose dedication best supports the mission of the Phi Alpha Theta History Honor Society to promote the study of history through research, teaching, publication, and the exchange of learning and ideas among historians.

The Norman James Humanities Award for Excellence is given by the James family to the senior majoring in humanities who has shown academic distinction and represents the ideals of humanistic society.

The Inter-Fraternity—Pan Hellenic Loving Cups, given annually to the fraternity and sorority with the highest scholastic index for the preceding year, are inscribed with the names of the current winners.

The International Studies Award is given to the graduating major who, in the opinion of the International Studies Steering Committee, demonstrates an exceptional understanding and interest in the interdisciplinary field of international studies.

The Tai Sung An Memorial Prize is awarded to the graduating international student who, in the opinion of the faculty of the international studies interdisciplinary major, has exemplified in an exceptional manner the benefits of inter-cultural education on our campus.

The William Gover Duvall '30 Prize is awarded to a graduating senior who, in the judgment of the Department of Mathematics and Computer Science, has demonstrated outstanding achievement and shows great promise in the field of mathematics.

The Alpha Chi Omega Music Award is given to a senior in recognition of excellence in music.

The Garry E. Clarke Performance Prize is awarded annually to the graduating senior who has demonstrated excellence in musical performance or music composition. The recipient must have shown leadership in departmental ensembles and excelled in the performance of their senior recital or in applied music composition, as part of their Senior Capstone Experience.

The Department of Music Award for Professional Promise in Research and Creative Achievement is presented to a graduating music major who demonstrates professional promise in the field of music. In addition to excelling in the classroom, recipients of this award will have independently pursued professional and creative co-curricular opportunities beyond the classroom.

The Clarence Hodson Prize — please see Fellowships section.

The Jane Huston Goodfellow Memorial Prize is awarded to a graduating senior, receiving a B.S. degree in Biology, Chemistry, Physics, Environmental Science, Biochemistry and Molecular Biology, Psychology with a Concentration in Behavioral Neuroscience, or Neuroscience, who had an abiding appreciation of the arts and humanities and has shown scholastic excellence.

The Gold Pentagon Awards are awarded to one senior and one alumnus, faculty, or friend of the College, selected by the Omicron Delta Kappa Society, in recognition of meritorious service to Washington College.

The Department of Philosophy and Religion Award is given annually to a graduating senior majoring in philosophy, recognizing outstanding ability in, and engagement with, the field of philosophy and religion.

The Holstein Prize for Ethics is awarded each year to the graduating senior whose senior thesis, in the opinion of the selection committee, best demonstrates an interest in ethics and the application of ethics to their area of interest.

The Department of Physics Award is given to a graduating physics major who has demonstrated academic excellence and who shows promise for success in the physical sciences.

The Political Science Award is given to a graduating major who in the opinion of the department, demonstrates a superior theoretical and practical understanding of political life.

The Daniel L. Premo Award is given annually to the graduating senior in political science or international studies who shows the most promise in the field of public diplomacy.

The Psychology Department Award is given to the senior psychology major who shows outstanding promise in the field of psychology.

The Psychology Department Capstone Experience Award is presented to the graduating senior majoring in psychology who, in the opinion of the department, should be recognized for successful completion and presentation of an exceptional capstone project.

The Virginia M. Conner '85 Psychology Award is presented annually to the outstanding graduating senior or seniors majoring in psychology who, in the opinion of the department, have demonstrated superior scholarship and service to the department and to the College.

The Psychology Department Outstanding Achievement Award is given to senior psychology majors in recognition of exceptionally high levels of performance in the field of psychology.

The Sigma Xi Scientific Research Society Award is presented to students who have accomplished substantive research achievements and, in the judgment of the members of the Washington College Chapter of Sigma Xi, have demonstrated exceptional promise as research scientists.

The Margaret Horsley Award is given to the graduating major or majors who, in the opinion of the faculty and students of the Department of Sociology, have shown in their work the clearest understanding of human social behavior.

The Sociology Service Award is awarded to the graduating senior who, in the opinion of the department and its students, has made, through service, the greatest contribution to the sociology program and to Washington College.

The Mary Martin Prize is awarded by the Department of Theatre faculty to a student majoring in theatre who demonstrates great dedication in any area of the theater arts.

The Stewart Theatre Award is given annually to a senior who has made outstanding contributions to the College through dramatic and speaking ability. Endowed by Pearl Griffin Stewart, Class of 1905.

The Department of World Languages and Cultures Service Award is given to a graduating senior for outstanding service within the department.

The Erika and Henry Salloch Prize is given by the Department of World Languages and Cultures, in memory of Erika and Henry Salloch, to the student whose achievement and personal commitment have contributed to the understanding of other cultures.

The German Studies Alumni Award is given annually to the senior who, in the opinion of the faculty of the Department of World Languages and Cultures, has demonstrated outstanding academic achievement and a depth of understanding in the field of German studies.

The W. Dennis Berry '87 Leadership Award is presented annually to the senior or seniors who most clearly exhibit those characteristics of charismatic leadership that distinguished Mr. Berry's service to Washington College.

The Karen Kaitz Emerick Award is awarded to one or more senior students, chosen by the Executive Committee of the Student Government Association, who have demonstrated strong character and good academic standing, and who have been leaders in community and volunteer service.

The Penny J. Fall Award is given annually by the Washington College Student Government Association to the female athlete who most successfully continues, through service to the College, the tradition and legacy set by Professor Fall. The recipient is chosen for her leadership on campus and her ability to conceive, organize and execute academic and extracurricular activities that have benefited the entire Washington College community.

The Jonathan A. Taylor, Jr. Leadership Award is given to the member of the Washington College Student Government Association who diligently and effectively incorporates progressive thought when addressing the needs and demands of the modern collegiate environment.

The Non-Traditional Student Award was established in 1991 to celebrate academic success by a non-traditional student in the graduating class.

Outstanding Community Service Recognition is awarded to senior students who have committed themselves to community service.

Athletic Honors and Prizes

The Doris T. Bell '50 Award is given to the senior woman with the highest cumulative average who has won a varsity letter during the year.

The Alfred Reddish Award is given to the senior man with the highest cumulative average who has won a varsity letter during the year.

The Thomas Reeder Spedden '17 Medal is awarded to graduating students for academic standing and achievement in athletics.

The Eldridge Eliason Award is given annually to the male student and female student who, with scholastic standing in the upper half of the class, have accomplished the most in the field of athletics.

The Senior Athletic Award is given annually to the male student and the female student who, in the opinion of the Department, achieved the most in athletics at Washington College.

The Goose Nation Award is given annually to the male student and female student who, in the opinion of the department, by cooperation, loyalty, sportsmanship, spirit and industry, contributed the most to the development of athletics at Washington College.

Faculty and Other Awards

The Alumni Award for Distinguished Teaching Award recognizes a tenured faculty member for excellence in teaching.

The Board of Visitors and Governors Faculty Leadership Award seeks to recognize a long-serving member of the Washington College faculty who has provided extraordinary leadership contributions across many dimensions of shared governance (e.g., committee work, co-chair of a college ad hoc committee, departmental leadership, etc.) that advance the excellence of the college, and/or the campus, and who exemplifies the College's commitment to a culture of collaborative decision-making. This award is the highest accolade honoring a faculty member whose professional service has advanced progress toward Washington College's mission.

The Carolyn Emory Golding '74 Junior Faculty Distinguished Teacher-Scholar Award recognizes a tenure-track junior faculty member who has proven extraordinary promise as a teacher-scholar. The Award recognizes Washington College's fundamental commitment to being an institution that prioritizes the student-teacher relationship and seeks to reward a junior faculty member for his or her creativity and inspired, entrepreneurial approach to a student-centric educational experience.

Professional Programs

Pre-Health Professions Programs

Elizabeth Yost, Director of Pre-Health; Director of Premedical Program/Director of Public Health Minor/Pre-Veterinary Program Advisor
Martin Connaughton, Pre-Pharmacy Program Advisor
Aaron Krochmal, Pre-Allied Health Program Advisor
Tia Murphy, Pre-Nursing Program Advisor
Phil Ticknor, Coordinator of Pre-Health Professions Programs

Washington College's Pre-Health Professions Programs support students seeking careers in human healthcare or veterinary medicine that require education beyond their undergraduate studies at Washington College. In addition to advising, students receive frequent updates and information regarding health professions schools, application processes, and experiential learning opportunities. Programming and events geared specifically toward students with a Pre-Health intention are also offered.

- Premedical Program (p. 445)
- Pre-Nursing Program (p. 448)
- Pre-Pharmacy Program (p. 452)
- Pre-Allied Health Program (p. 438)
- Pre-Veterinary Program (p. 453)

Pre-Engineering Programs

Derek Thuecks, Pre-Engineering Program Advisor

Washington College is an affiliate of the Engineering dual degree programs at both Columbia University in New York and Washington University in St. Louis. These affiliations make it possible for qualified undergraduate students to earn baccalaureate degrees from both Washington College and the Engineering partner institution in as little as five years. A significant benefit of the program at Washington College is the opportunity for students with an interest in engineering to complete their pre-engineering course requirements in a liberal arts environment at a small college. Learn More... (p. 439)

Pre-Law Preparation

Admission requirements at law schools normally include the completion of a baccalaureate degree program at a regionally accredited institution, a distinguished cum. GPA and a competitive score on the Law School Admission Test (LSAT). WC General Education requirements meet part of the general preparation for law school. Pre-law students should consider taking recommended courses, either as part of General Education, or as electives. Learn More... (p. 444)

Pre-Allied Health Program

Pre-Allied Health Program
Pre-Health Professions Programs (p. 438)

The Pre-Allied Health Program offers individualized advising for students interested in other human healthcare careers (aside from those covered by the Premedical, Pre-Nursing, or Pre-Pharmacy programs) requiring additional education following their graduation from Washington College. Pre-Allied Health students may choose any major(s) but work closely with the Pre-Allied Health Program Advisor to best plan their coursework to also complete the prerequisite courses for the allied health graduate or doctorate programs of their choice. Both the Pre-Allied Health Program Advisor and the Coordinator of Pre-Health Professions Programs offer guidance regarding the application process and experiential learning opportunities, which are important for any health professions graduate program and critical for some (e.g. physician assistant programs).

Some of the most popular Allied Health Professions for Washington College students are Physician Assistant, Physical Therapy, Occupational Therapy, and Athletic Training, though the list of Allied Health Professions is long and growing. Physician Assistant and Athletic Training programs are Master's-level programs, Occupational Therapy programs are either Master's-level or Doctorate-level, and Physical Therapy programs are Doctorate-level.

Articulation Agreement with Bridgewater College MSAT Program

Students interested in pursuing a career in Athletic Training may streamline their career training by matriculating from Washington College to the Bridgewater College, Master of Science in Athletic Training Program (MSAT). Students interested in Bridgewater's MSAT program can choose any major at Washington College provided they complete the proper prerequisite courses. Students interested in the program may apply via the Early Acceptance Option as a junior or via the Guaranteed Consideration Option as a senior.

To be considered for admission, students must maintain a cumulative grade-point average of at least 2.7 and complete specific Washington College courses (p. 439), earning a "C" or better in each course.

Additional application requirements and full program regulations can be obtained from the Pre-Allied Health Program Advisor or the Coordinator of Pre-Health Professions Programs.

Required Courses for Bridgewater MSAT Program

Code	Title	Credits	Notes
BIO 111 & BIO 113	General Biology I with Lab and General Biology I Lab		_____
BIO 112 & BIO 114	General Biology II with Lab and General Biology II Lab		_____
BIO 301	Integrative Human Anatomy with Lab		_____
or BIO 394	Special Topics		_____
when Anatomy & Physiology I			_____
BIO 424	Integrative Human Physiology with Lab		_____
or BIO 394	Special Topics		_____
when Anatomy & Physiology II			_____
CHE 120 & CHE 122	Chem Principles Org Molecules with Lab and Chemical Principles Orgnc Molecules Lab		_____
MAT 109	Statistical Inference & Data Analysis I		_____
or PSY 209	Statistics & Research Design I with Lab		_____
or ECN 215	Data Analysis I		_____
CMS 101	Intro to Communication & Media Studies		_____
PSY 111	General Psychology		_____
or PSY 112	General Psychology		_____
PHY 101	College Physics I with Lab		_____
ENG 101	Literature and Composition		_____
PHS 194	Special Topics (Nutrition (must be 3 to 4 credits))		_____
FYS 101	First-Year Seminar (- "C" Minimum not required)		_____
Complete WC General Distribution Requirements - "C" Minimum not required			_____

Pre-Engineering

Dual Degree Engineering Programs

Washington College is an affiliate of the Engineering dual degree programs at both Columbia University in New York and Washington University in St. Louis. These affiliations make it possible for qualified undergraduate students to earn baccalaureate degrees from both Washington College and the

Engineering partner institution in as little as five years. A significant benefit of the program at Washington College is the opportunity for students with an interest in engineering to complete their pre-engineering course requirements in a liberal arts environment at a small college.

Students who complete the prerequisite courses specified by our Engineering partners and who also meet specified grade requirements receive guaranteed admission (Washington University) or priority in admission review (Columbia University). Students who complete the course requirements but do not meet the minimum grade point requirements are still eligible to apply to our partner institutions.

During the third year at Washington College students formally apply for transfer admission to an Engineering partner institution. A letter of recommendation from the Dual Degree Engineering Program Advisor at Washington College is necessary to assist qualified students applying for transfer admission. Other letters of recommendation may also be required depending on the program being pursued.

Students are strongly encouraged to discuss program requirements and to select coursework for each semester in consultation with the designated Program Advisor at Washington College. Additional information on these programs can be found on the websites of our partner institutions.

To declare an Engineering Dual Degree Program, students, in their third year, must submit a Major-Minor Declaration form, with their advisor's signature, and indicate on the form they are pursuing the Engineering dual degree program and submit the form to the Registrar's Office. The Registrar's Office will enter the Engineering Dual Degree Program on the student's record.

Students who complete the dual-degree prerequisite coursework but choose not to pursue a dual-degree program are well prepared to apply competitively to graduate engineering programs at other major universities beyond Columbia University and Washington University. This is an increasingly popular option for Washington College students pursuing careers in engineering. Students pursuing this alternative path graduate from Washington College with a B.S. or B.A. degree in their discipline and then join a university where they may earn an M.S., or an M.S. and PhD in an engineering discipline.

Dual Degree Engineering Programs

Washington College is an affiliate of the Engineering dual degree programs at Columbia University in New York and Washington University in St. Louis. These affiliations make it possible for qualified undergraduate students to earn baccalaureate degrees from both Washington College and the Engineering partner institution in as little as five years. A significant benefit of the program at Washington College is the opportunity for students with an interest in engineering to complete their pre-engineering course requirements in a liberal arts environment at a small college.

Students who complete the prerequisite courses specified by our Engineering partners and who also meet specified grade requirements receive guaranteed admission (Washington University) or priority in admission review (Columbia University). Students who complete the course requirements but do not meet the minimum grade point requirements are still eligible to apply to our partner institutions.

3:2 B.S in Engineering Program with Columbia University in New York

Students in 3:2 programs typically attend WC for three academic years and the Engineering partner school for two years. Students earn a B.S. degree from WC with majors of Computer Science, Math or Physics and a B.S. degree in one of the Columbia University Engineering Majors (listed below).

- Applied Mathematics
- Applied Physics
- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Earth & Environmental Engineering
- Electrical Engineering
- Engineering Management Systems
- Engineering Mechanics
- Industrial Engineering
- Materials Science and Engineering
- Mechanical Engineering
- Operations Research

Required WC Courses are Listed Below:

Code	Title	Credits	Notes
CHE 120 & CHE 122	Chem Principles Org Molecules with Lab and Chemical Principles Orgnc Molecules Lab	4	_____
ECN 112	Principles of Microeconomics	4	_____

FYS 101	First-Year Seminar	4	_____
MAT 111	Differential Calculus	4-8	_____
or MAT 106 & MAT 107	Stretch Differential Calculus I and Stretch Differential Calculus II		_____
MAT 112	Integral Calculus	4	_____
MAT 210	Multivariable Calculus	4	_____
MAT 310	Differential Equations	4	_____
PHY 111	General Physics I with Lab	4	_____
PHY 112	General Physics II with Lab	4	_____
PHY 252	Scientific Modeling & Data Analysis	4	_____
or CSI 111	Computer Science I		_____
W2 Writing Requirement		4	_____
W3 Writing Requirement		4	_____
Foreign Language [1]		4-8	_____
Humanities & Fine Arts Course [1]		4	_____
Humanities & Fine Arts Course [1]		4	_____
Humanities & Fine Arts Course [1]		4	_____
Social Science Course [1]		4	_____
Social Science Course [1]		4	_____
Social Science Course (satisfied by ECN 112 above) [1]			_____
Additional WC Major Courses			_____
Pre-Reqs for Engineering Major Courses [1]			_____

[1] Columbia University places special restrictions on distribution courses that satisfy their '27 non-technical credit hours' requirement. These non-technical credit hours include ECN 112 Principles of Microeconomics and FYS 101 First-Year Seminar. Examples of courses that satisfy this requirement can be found on their website https://bulletin.engineering.Columbia.edu/b-elective-nontechnical-courses (https://catalog.washcoll.eduHTTPS://BULLETIN.ENGINEERING.COLUMBIA.EDU/B-ELECTIVE-NONTECHNICAL-COURSES/). Please note that non-technical electives are subject to the review of Columbia University Undergraduate Admissions.

Commencement/Post Degree

- **Columbia University Requirements**

  1. Full-time at a regionally accredited institution for more than 3 years with cum GPA less than 3.30.
  2. Pre-Engineering GPA greater than 3.30, as calculated by CU.
  3. Minimum 3.0 GPA for each Engineering Science & Math course on first attempt
  4. Completion of specific pre-requisites for Engineering Major on the pre-combined curriculum guide, by the end of Spring, in year applying.
  5. Complete WC major & General Education requirements.

- **Washington College Requirements**

  1. Graduates from WC at the end of 2 years at CU
  2. Email Registrar April 1 for Inclusion in Commencement
  3. Post Degree After Official CU Transcript Received w/ Degree Earned
  4. SCE not required.

3:2 B.S. in Engineering Program with Washington University in St Louis, MO

Students earn a B.S. degree from WC with majors of Computer Science, Math or Physics and a B.S. degree in one of the Washington University Engineering Majors listed below:

- Biomedical Engineering
- Chemical Engineering
- Computer Engineering
- Electrical Engineering
- Environmental Engineering
- Mechanical Engineering
- Systems Engineering

REQUIRED WC COURSES ARE LISTED BELOW:

Code	Title	Credits	Notes
CHE 120 & CHE 122	Chem Principles Org Molecules with Lab and Chemical Principles Orgnc Molecules Lab	4	_____
FYS 101	First-Year Seminar	4	_____
MAT 111	Differential Calculus	4-8	_____
or MAT 106 & MAT 107	Stretch Differential Calculus I and Stretch Differential Calculus II		_____
MAT 112	Integral Calculus	4	_____
MAT 210	Multivariable Calculus	4	_____
MAT 280	Linear Algebra (strongly recommended)	4	_____
MAT 310	Differential Equations	4	_____
PHY 111	General Physics I with Lab	4	_____
PHY 112	General Physics II with Lab	4	_____
PHY 252	Scientific Modeling & Data Analysis	4	_____
or CSI 111	Computer Science I		_____
Foreign Language		4-8	_____
Humanities & Fine Arts Course [2]		4	_____
Humanities & Fine Arts Course [2]		4	_____
Humanities & Fine Arts Course [2]		4	_____
Social Science Course		4	_____
Social Science Course		4	_____
Social Science Course		4	_____
W2 Writing Requirement		4	_____
W3 Writing Requirement		4	_____
Additional Courses for WC Major			_____
Pre-Engineering Pre-Req Courses			_____

[2] Washington University requires a minimum of six semester hours in Humanities. Note that Foreign Language courses count toward Humanities for Washington University.

Commencement/Post Degree

- **Washington University Requirements**

1. WC Dual Degree liaison certifies aptitude for engineering study and confirms student will complete undergrad non-engineering WC degree no later than Washington University Engineering Degree.
2. A cum GPA greater than 3.25.
3. GPA greater than 3.25 in science and math courses.
   a. Applicants with lower GPAs are considered on a case-by-case basis; have your liaison officer write a letter of support.
4. English Language proficiency for non-native-English speakers.

- **Washington College Requirements**

1. Graduates from WC at the end of 2 years at WU
2. Email Registrar April 1 for Inclusion in Commencement
3. Post Degree After Official WU Transcript Received w/ Degree Earned
4. SCE not required.

3:3 M.S. in Engineering Program with Washington University in St. Louis, MO

The MS program provides an option to add a M.S. Engineering degree. Students earn a B.S. degree from WC with majors of Computer Science, Math or Physics, a B.S. degree in one of the Washington University Engineering Majors listed above (in the 3:2 B.S. in Engineering section above) and a M.S. degree in one of the Washington University engineering disciplines below.

- Aerospace Engineering
- Biomedical Engineering
- Computer Engineering
- Computer Science & Engineering
- Construction Management
- Cybersecurity Engineering
- Data Analytics & Statistics
- Electrical Engineering
- Energy, Environmental & Chemical Engineering
- Engineering Management
- Imaging Science
- Information Systems Management
- Materials Science
- Systems Science & Mathematics

REQUIRED WC COURSES ARE LISTED BELOW:

Code	Title	Credits	Notes
CHE 120 & CHE 122	Chem Principles Org Molecules with Lab and Chemical Principles Orgnc Molecules Lab	4	_____
FYS 101	First-Year Seminar	4	_____
MAT 111	Differential Calculus	4-8	_____
or MAT 106 & MAT 107	Stretch Differential Calculus I and Stretch Differential Calculus II		_____
MAT 112	Integral Calculus	4	_____
MAT 210	Multivariable Calculus	4	_____
MAT 280	Linear Algebra (strongly recommended)	4	_____
MAT 310	Differential Equations	4	_____
PHY 111	General Physics I with Lab	4	_____
PHY 112	General Physics II with Lab	4	_____
PHY 252	Scientific Modeling & Data Analysis	4	_____
or CSI 111	Computer Science I		_____
Foreign Language		4-8	_____
Humanities & Fine Arts Course [3]		4	_____
Humanities & Fine Arts Course [3]		4	_____
Humanities & Fine Arts Course [3]		4	_____
Social Science Course		4	_____
Social Science Course		4	_____
Social Science Course		4	_____
W2 Writing Requirement		4	_____
W3 Writing Requirement		4	_____
WC Major Courses			_____
Pre-Req Courses for Engineering Major			_____

[3] Washington University requires a minimum of six semester hours in Humanities. Note that Foreign Language courses count toward Humanities for Washington University.

Commencement/Post Degree

- **Washington University Requirements**

1. WC Dual Degree liaison certifies aptitude for engineering study and confirms student will complete undergrad non-engineering WC degree no later than Washington University Engineering Degree.
2. A cum GPA greater than 3.25.

3. GPA greater than 3.25 in science and math courses.
    a. Applicants with lower GPAs are considered on a case-by-case basis; have your liaison officer write a letter of support.
4. English Language proficiency for non-native-English speakers.

- **Washington College Requirements**

1. Graduates from WC after an official transcript is received from Washington University with the M.S. degree posted.
2. Email Registrar April 1 for Inclusion in Commencement
3. SCE not required.

Major

- Computer Science Major (p. 140)
- Mathematics Major (p. 144)
- Physics Major (p. 169)

Pre-Law Preparation

Admission requirements at law schools normally include the completion of a baccalaureate degree program at a regionally accredited institution, a distinguished cum. GPA and a competitive score on the Law School Admission Test (LSAT).

Standards concerning GPA's and LSAT scores vary between schools. Law schools do not specify a particular undergraduate curriculum or major as preparation for a legal education. Legal study draws on many fields of knowledge in the social sciences, natural sciences, and humanities. Potential law students should elect courses sufficiently diverse to acquire the basic ideas and methodologies of a number of disciplines, and to develop their skills of critical analytical thinking and effective written and oral expression. Pre-law advisors are available to help in this process; they assist pre-law students with selecting courses, how to prepare for the LSAT, the law school application process while providing periodic programs and workshops of interest to pre-law students.

WC General Education requirements meet part of the general preparation for law school. Pre-law students should consider taking some of the following courses, either as part of General Education, or as electives.

- Courses marked with a [1]: logic, because it is helpful to prepare for the LSAT
- Political science courses, because they prepare students for the study of cases in law school
- Business law because it introduces topics like contracts and torts, philosophy of morality and ethics courses; these are issues central to the profession
- Sociology courses because they explore domestic and global crime and justice issues.

Recommended Courses

Courses listed below comprise a list of potential courses students preparing for the LSAT, law school, and legal careers should enroll in. In addition to the courses listed, students may pursue the interdisciplinary minor in Justice, Law & Society. This list is not exhaustive and may be tailored to student's goals and interests.

Code	Title	Credits	Notes
BUS 112	Intro to Financial Accounting	4	_____
BUS 303	Legal Environment of Business [1]	4	_____
CMS 150	Public Speaking	4	_____
ECN 111	Principles of Macroeconomics	4	_____
ECN 112	Principles of Microeconomics	4	_____
ENG 201	The Art of Rhetoric	4	_____
HIS 201 & HIS 202	History of the United States to 1865 and History of the United States Since 1865	8	_____
MAT 109	Statistical Inference & Data Analysis I	4	_____
PHL 100	Introduction to Philosophy	4	_____
PHL 108	Introduction to Logic [1]	4	_____
PHL 225	Ethical Theory [1]	4	_____
Pre-Law Preparation			_____
PHL 300	Business Ethics	4	_____

PHL 335	Philosophy of Law [1]	4	_____
POL 102	American Government and Politics	4	_____
POL 323	Constitutional Law [1]	4	_____
POL 320	Law and Society [1]	4	_____
POL 323	Constitutional Law	4	_____
POL 374	International Organization & Law	4	_____
SOC 240	Criminology [1]	4	_____
SOC 341	Variant Behavior [1]	4	_____
SOC 342	Sociology of Punishment	4	_____

[1] Particularly recommended for pre-law students

Justice, Law, and Society Minor (https://catalog.washcoll.edu/catalog/interdisciplinary/justice-law-society-minor/)

Premedical Program

Premedical Program
Pre-Health Professions Programs (p. 438)

The Premedical Program is designed for students interested in pursuing a career as a physician, dentist, optometrist, or podiatrist. The Premedical Program assists students with pre-professional planning and applications to the health professions schools that grant degrees in allopathic medicine (MD), osteopathic medicine (DO), dentistry (DDS, DMD), and optometry (OD), podiatry (DPM). Premedicine is not a major. Most premedical students major in one or more of the Natural Sciences, but any major or minor offered by the College may be pursued. (Students in the Early Acceptance Program with Lake Erie College of Osteopathic Medicine – see below – must carry a major in a physical science.)

Premedical Committee members include Professors Elizabeth Yost, Ph.D. (Director & Chair; Sociology and Public Health), Kathleen Verville, Ph.D. (Biology), Anne Marteel-Parrish, Ph.D., (Chemistry), Daniel Kochli, Ph.D. (Psychology), Shaun Ramsey (Mathematics and Computer Science), and Matthew McCabe, Ph.D. (Philosophy), as well as Phil Ticknor (Coordinator of Pre-Health Professions Programs).

Students interested in the Premedical Program should notify the Director of the Premedical Program and the Coordinator of Pre-Health Professions Programs of their interest in considering a career in medicine and consult with them and/or other members of the committee early and consistently throughout their undergraduate studies.

The culmination of the Premedical Program is the Premedical Committee process, through which a student requests a Committee Letter (a comprehensive letter of evaluation submitted with their application) from the committee. It is the responsibility of students seeking a Committee Letter to complete a Premedical File and go through the committee process. It is strongly recommended that any student planning to apply to medical, dental, optometry, or podiatry schools go through the committee process and request a committee letter.

Course Selection

In addition to the courses required for the chosen major and for graduation from Washington College, students will need to take additional courses that are most often required for admission to medical, dental, optometry, and podiatry schools and those courses needed to provide an academic background for admissions tests. Many of these courses also satisfy some of the requirements of various majors, especially majors in the Natural Sciences, and some satisfy college distribution requirements.

Because some of the courses needed for admission for medical, dental, optometry, or podiatry schools have one or more prerequisites – and because students wishing to go through the committee process must have already completed (or be currently taking) all prerequisite courses – students should begin to map their future coursework during their first academic advising meeting. The timing of the chemistry courses is especially important.

The courses required for professional school admission can vary based on the type of program and from school to school, but there are specific courses typically required to go through the committee process (p. 446).

Students wishing to go through the committee process must have an undergraduate cumulative grade-point average of 3.0 or better and no grade lower than a C in any of the required Natural Science or Math courses. These are considered minimum qualifications for the process and do not guarantee a specific recommendation level from the committee, nor do they guarantee that the student is a viable candidate for admission to medical, dental, optometry, or podiatry school.

Given the variation in required courses from program to program and school to school (some schools have additional requirements; some have fewer requirements; some recommend certain courses), students should consult the appropriate websites for each area of medicine (aamc.org, aacom.org, aacpm.org, adea.org, opted.org) and for individual schools.

Those students who plan to attend a health professions program in the academic year following graduation from Washington College (without one or more gap years) must be aware that the hierarchical nature of the chemistry courses needed for admission to professional schools requires them to

take five sequential Chemistry courses within their first six semesters. Students who elect not to take Chemistry at all in their first year will normally not be able to apply to medical school without taking a gap year.

The chemistry courses CHE 120/CHE 140 and CHE 220/CHE 240 are the equivalent of Organic Chemistry and General Chemistry respectively.

Students may fulfill the physics requirement by taking either the algebra-based physics course [PHY 101 & PHY 102] or the calculus-based physics course [PHY 111 & PHY 112]. Those students planning a major in Physics or a major in Chemistry with ACS certification need to take the calculus-based physics sequence (PHY 111/PHY 112), as PHY 101/PHY 102 will not satisfy the requirements for their major.

Students planning to enter programs that require the MCAT (allopathic medicine, osteopathic medicine, many podiatric medicine programs) should consider fulfilling the social science distribution requirements with General Psychology (PSY 111/PSY 112) and Introduction to Sociology (SOC 101).

Note that many programs require or recommend additional biology courses beyond General Biology. Students who do not major in one of the sciences should take more than the minimum required science classes to ensure a competitive application.

Students with Advanced Placement credit in required premedical courses should seek advice from the Premedical Committee, as some professional schools do not accept AP credit for required courses. Those schools typically ask students either to retake the course at a four-year college or to take additional upper-level courses in the discipline(s) in which the AP credit was received.

Those students planning to study abroad should seek advice about coursework planning and should take required science premedical courses in the United States.

Courses required for medical school admission should not be taken Pass/Fail. In addition, professional schools normally impose minimum grade requirements on required courses. Most commonly, grades of C minus and below are not accepted.

Additional Information

The appropriate test (MCAT, DAT, OAT, GRE) should be taken before applying to professional school. Advice about which test is required for particular programs, when to take these tests, and how to prepare for them should be sought from the Premedical Committee. Along with a strong GPA, strong test scores are important for a successful application to these highly competitive programs.

Although much of the information above pertains to academic requirements, students should be aware of the importance of factors such as communication skills, ability to work in a team, cultural competence, community service, campus involvement, leadership, character, and experience in and knowledge of medicine.

Students who do not have U.S. citizenship or permanent residency should seek out early advice about career planning and be aware that it is very difficult (although not impossible) for non-U.S. citizens/permanent residents to gain entry into U.S. medical schools and to finance their medical education.

Code	Title	Credits	Notes
BIO 111 & BIO 112	General Biology I with Lab and General Biology II with Lab [4]		_____
BIO 409/CHE 309	Biochemistry with Lab		_____
or CHE 303	Chem of Biological Compounds with Lab		_____
CHE 120	Chem Principles Org Molecules with Lab		_____
CHE 140	Reactions of Organic Molecules with Lab		_____
CHE 220	Quantitative Chemical Analysis with Lab		_____
CHE 240	Chemistry of the Elements with Lab		_____
PHY 101 & PHY 102	College Physics I with Lab and College Physics II with Lab [1]		_____
or PHY 111 & PHY 112	General Physics I with Lab and General Physics II with Lab		_____
MAT 111	Differential Calculus		_____
or MAT 106 & MAT 107	Stretch Differential Calculus I and Stretch Differential Calculus II		_____
MAT 109	Statistical Inference & Data Analysis I [2]		_____
or PSY 209	Statistics & Research Design I with Lab		_____
Two ENG Courses (ENG 101 recommended)			_____

Social Science courses (see additional information below) [3]	_____
Humanities Course	_____

1 May fulfill the Physics requirement with either the algebra-based physics course (PHY 101, PHY 102) or the calculus-based physics course (PHY 111, PHY 112).
Those students planning a major in Physics or a major in Chemistry with ACS certification need to take the calculus-based physics sequence (PHY 111, PHY 112), as PHY 101/PHY 102 will not satisfy the requirements for their major.

2 Math requirements can vary depending on the program, but MAT 109 Statistical Inference & Data Analysis I is strongly recommended. (Knowledge of statistics for the MCAT can also be gained from PSY 209 Statistics & Research Design I with Lab, PSY 309 Statistics & Research Design II With Lab

3 Students planning to enter programs that require the MCAT (allopathic medicine, osteopathic medicine, many podiatric medicine programs) should consider fulfilling the social science distribution requirements with PSY 111 General Psychology, PSY 112 General Psychology and SOC 101 Intro to Sociology.

4 Many programs require or recommend additional biology courses beyond General Biology. Students who do not major in one of the sciences should take more than the minimum required science classes to ensure a competitive application

Early Acceptance Program with Lake Erie College of Osteopathic Medicine (LECOM) for Medical and Dental School

Washington College is an affiliate school for the Lake Erie College of Osteopathic Medicine (LECOM) Early Acceptance Program (EAP) for medical school and dental school. Interested students apply to the program through LECOM in their senior year of high school or in their first three years of study at Washington College.

Students applying for the program while in high school or with fewer than 30 undergraduate credit hours must have an unweighted high school grade-point average of 3.5 or better as well as either an SAT composite score of at least 1240 or an ACT composite score of at least 26. Students applying for the program with 30 or more undergraduate credits must have a cumulative undergraduate grade-point average of 3.4 or better and a cumulative undergraduate science grade-point average of 3.2 or better as well as either an SAT composite score of at least 1240 or an ACT composite score of at least 26. Interviews with LECOM are required of all eligible applicants to determine selection. Successful applicants will be granted conditional acceptance to LECOM for matriculation in the fall following their graduation for Washington College.

Those students selected by LECOM for the EAP for medical school are exempted from taking the MCAT. All students selected by LECOM for the EAP for dental school are still required to take the DAT and must achieve specific academic average and section scores required by LECOM.

Students in LECOM's EAP are *required to major in a physical science* and fulfill all the requirements for that major in addition to the course requirements for the program and Washington College's general distribution requirements.

Like many medical schools, LECOM will not accept Advanced Placement courses in place of the physical science requirements. LECOM will accept AP courses for their English and Behavioral Sciences requirements. All required courses must be taken at Washington College in order to maintain the EAP. Students failing any course – even those not required for the EAP – will be removed from the program. Beginning with their first semester, students in the EAP must maintain an overall grade-point average of 3.4 or better and a science grade-point average of 3.2 or better.

Note that the courses required for the LECOM EAP differ from our general Premedical Program requirements. Our general Premedical Program requirements are based on the most common requirements for schools across the country, so students should consider taking those courses (or have a plan in place to take them in their final four semesters) required by our Premedical Program but not required by LECOM's EAP in the event they decide to withdraw from the EAP or have their acceptance withdrawn.

Full requirements and regulations of LECOM's EAP are available from LECOM as well as from the Director of the Premedical Program and the Coordinator of Pre-Health Professions Programs.

LECOM's EAP for Medical school

Code	Title	Credits	Notes
Students in LECOM's EAP for medical school must complete the following courses at Washington College, earning a "C" or better in each course:			_____
Two courses, totaling at least six credits, in English			_____
One course in Physics (typically PHY 101 or PHY 111)			_____
Two courses, totaling at least six credits, in Behavioral Science (typically Psychology/Sociology)			_____
Two courses in Biology, including two labs			_____
Two courses in General Chemistry, including two labs (typically CHE 220 and CHE 240)			_____
Two courses in Organic Chemistry, including two labs (typically CHE 120 and CHE 140)			_____
BIO 409/CHE 309	Biochemistry with Lab		_____

BIO 209	Genetics with Lab	_____
The following courses are not required by LECOM but are strongly recommended for their Medical EAP.		_____
BIO 203	Microbiology with Lab	_____
BIO 205	Cell & Molecular Biology with Lab	_____
BIO 301	Integrative Human Anatomy with Lab	_____
or BIO 394	Special Topics	_____
When Anatomy & Physiology I		_____
BIO 404	Immunology with Lab	_____
BIO 424	Integrative Human Physiology with Lab	_____
or BIO 394	Special Topics	_____

LECOM's EAP for Dental School

Code	Title	Credits	Notes
Students in LECOM's EAP for dental school must complete the following courses at Washington College, earning a "C" or better in each course:			_____
Two courses, totaling at least six credits, in English (typically including ENG 101)			_____
Two courses in Biology, including two labs			_____
Two courses in General Chemistry, including two labs (typically CHE 220 and CHE 240)			_____
Two courses in Organic Chemistry, including two labs (typically CHE 120 and CHE 140)			_____
BIO 409/CHE 309	Biochemistry with Lab		_____
The following courses are not required by LECOM but are strongly recommended for their Dental EAP			_____
One course in Physics (typically PHY 101 or PHY 111)			_____
BIO 203	Microbiology with Lab		_____
BIO 205	Cell & Molecular Biology with Lab		_____
BIO 209	Genetics with Lab		_____
BIO 301	Integrative Human Anatomy with Lab		_____
or BIO 394	Special Topics		_____
When Anatomy & Physiology I			_____
BIO 404	Immunology with Lab		_____

Pre-Nursing Program

Pre-Nursing Program
Pre-Health Professions Programs (p. 438)

Washington College does not offer a stand-alone Bachelor of Science in Nursing (BSN) program but offers multiple paths for students interested in nursing to pursue. Students interested in nursing should contact Tia Murphy, Ph.D., Pre-Nursing Program Advisor, and Phil Ticknor, Coordinator of Pre-Health Professions Programs, to notify them of their interest and receive guidance. The Pre-Nursing Program Advisor works closely with students in the 3:2 dual-degree program as well as with other Pre-Nursing students.

3:2 Dual-Degree Program with University of Maryland School of Nursing

Through this program, students may earn a Bachelor of Science degree from Washington College in Biology *or* a Bachelor of Arts degree from Washington College in Psychology *and* a Bachelor of Science in Nursing (BSN) degree from the University of Maryland School of Nursing (UMSON). This dual degree program typically requires five years of study; the first three years are spent at Washington College and the final two at UMSON.

Students in this program will receive their BA or BS from Washington College after their successful completion of the first year of courses at UMSON. To be eligible for graduation from Washington College, grades from the UMSON must be submitted to the Washington College Registrar by the appropriate deadline.

To be eligible for the 3:2 program, students must complete specific Washington College courses (p. 449) and maintain cumulative grade-point averages of at least 3.25 overall and at least 3.0 in science courses. Courses marked with a * are prerequisite courses for UMSON and require a grade of "C" or better.

Four-Year Pre-Nursing Path

Students who elect to remain four years at Washington College and are interested in pursuing Nursing degrees after graduating typically apply to "Accelerated" Bachelor of Science in Nursing (ABSN) or "Direct-Entry" Master of Science in Nursing (MSN) programs. Both types of programs are specifically intended for individuals with non-nursing undergraduate degrees who, during their undergraduate studies, have completed a number of prerequisite courses for nursing school. Students interested in ABSN or direct-entry MSN programs should research the prerequisite courses required for the specific programs they are interested in and work with the Pre-Nursing Program Advisor and Coordinator of Pre-Health Professions Programs to plan for a competitive application. Pre-Nursing students should meet regularly with the Pre-Nursing Program Advisor to plan their course schedules in a way that fulfills all of the nursing school prerequisites while completing their major(s) and minor(s) as well as their general distribution requirements.

Letter of Agreement with Johns Hopkins University School of Nursing

Washington College maintains a Letter of Agreement with Johns Hopkins University School of Nursing (JHUSON) for their Master of Science in Nursing: Entry into Nursing program (a direct-entry MSN program). Qualified students must complete all of the prerequisite courses for the program and maintain a cumulative undergraduate grade-point average of at least 3.2. Washington College students interested in the program will receive assistance from a designated liaison from JHUSON. Additional information about the program can be obtained from the Pre-Nursing Program Advisor.

3:2 Dual-Degree Program with University of Maryland School of Nursing (UMSON)

Through this program, students may earn a Bachelor of Science degree from Washington College in Biology *or* a Bachelor of Arts degree from Washington College in Psychology *and* a Bachelor of Science in Nursing (BSN) degree from the University of Maryland School of Nursing (UMSON). This dual degree program typically requires five years of study; the first three years are spent at Washington College and the final two at UMSON.

Students in this program will receive their BA or BS from Washington College after their successful completion of the first year of courses at UMSON. To be eligible for graduation from Washington College, grades from the UMSON must be submitted to the Washington College Registrar by the appropriate deadline.

To be eligible for the 3:2 program, students must complete specific Washington College courses and maintain cumulative grade-point averages of at least 3.25 overall and at least 3.0 in science courses. Courses marked with a [1] are prerequisite courses for UMSON and require a grade of "C" or better.

students majoring in Biology Complete Wc courses listed below

Code	Title	Credits	Notes
BIO 111 & BIO 113	General Biology I with Lab and General Biology I Lab		_____
BIO 112 & BIO 114	General Biology II with Lab and General Biology II Lab		_____
BIO 203	Microbiology with Lab [1]		_____
BIO 301	Integrative Human Anatomy with Lab [1]		_____
or BIO 394	Special Topics		_____
when Anatomy & Physiology I			_____
BIO 424	Integrative Human Physiology with Lab [1]		_____
or BIO 394	Special Topics		_____
when Anatomy & Physiology II			_____
Biology Elective: One course from Category I, II, or III (Immunology or Genetics recommended)			_____
Biology Elective: One course from Category I, II, III, IV, or V			_____
CHE 120 & CHE 122	Chem Principles Org Molecules with Lab and Chemical Principles Orgnc Molecules Lab [1]		_____
CHE 140 & CHE 142	Reactions of Organic Molecules with Lab and Reactions of Organic Molecules Lab		_____

CHE 220 & CHE 222	Quantitative Chemical Analysis with Lab and Quantitative Chemical Analysis Lab		_____
ENG 101	Literature and Composition [1]		_____
Any 200-level ENG course [1]			_____
MAT 109	Statistical Inference & Data Analysis I [1]		_____
or PSY 209	Statistics & Research Design I with Lab		_____
or ECN 215	Data Analysis I		_____
MAT 111	Differential Calculus [1]		_____
or MAT 106 & MAT 107	Stretch Differential Calculus I and Stretch Differential Calculus II		_____
PHS 194	Special Topics (Nutrition) [1]		_____
PSY 111	General Psychology [1]		_____
or PSY 112	General Psychology		_____
PSY 202	Life-Span Development [1]		_____
SOC 101	Intro to Sociology [1]		_____
Social Sciences Elective Course [1]			_____
Two semesters o Foreign Language or one semester of Foreign Language and one additional Humanities course			_____
Fine Arts course			_____
FYS 101	First-Year Seminar		_____

Students majoring in Psychology complete the wc courses listed below

Code	Title	Credits	Notes
PSY 111	General Psychology [1]		_____
PSY 112	General Psychology [1]		_____
PSY 202	Life-Span Development [1]		_____
PSY 209	Statistics & Research Design I with Lab [1]		_____
PSY 309	Statistics & Research Design II With Lab		_____
PSY 233	Traditional Psychiatric Disorders [2]		_____
or PSY 234	Medical and Developmental Disorders		_____
or PSY 304	Theories and Processes of Counseling		_____
or PSY 313	Learning & Appl Behavioral Anal. w/Lab		_____
or PSY 320	Health Psychology with Lab		_____
or PSY 333	Psychological Testing		_____
or PSY 410	Neuroscience Research Methods w/Lab		_____
or PSY 433	Child Assessment with Lab		_____
PSY 205	Drugs & Behavior [2]		_____
or PSY 210	Biopsychology with Lab		_____
or PSY 305	Psychopharmacology with Lab		_____
or PSY 317	Princ of Sensation & Perception w/Lab		_____
or PSY 410	Neuroscience Research Methods w/Lab		_____
BIO 111 & BIO 113	General Biology I with Lab and General Biology I Lab		_____
BIO 112 & BIO 114	General Biology II with Lab and General Biology II Lab		_____
BIO 203	Microbiology with Lab [1]		_____
BIO 301	Integrative Human Anatomy with Lab [1]		_____
or BIO 394	Special Topics		_____

when Anatomy & Physiology I		_____
BIO 424	Integrative Human Physiology with Lab [1]	_____
or BIO 394	Special Topics	_____
when Anatomy & Physiology II		_____
CHE 120	Chem Principles Org Molecules with Lab [1]	_____
ENG 101	Literature and Composition [1]	_____
Any 200-level ENG course [1]		_____
MAT 111	Differential Calculus (or another Math course besides Statistical Inference & Data, with pre-approval) [1, 3]	_____
PHS 194	Special Topics (Nutrition) [1]	_____
SOC 101	Intro to Sociology [1]	_____
Two semesters Foreign Language or one semester of Foreign Language and one additional Humanities course		_____
Fine Arts Course		_____
FYS 101	First-Year Seminar	_____

1 Prerequisite course for UMSON and requires a grade of "C" or better
2 Either the Applied/Clinical Requirement **or** the Biological Requirement must have a lab component.
3 *Or* another Math course besides Statistical Inference & Data Analysis (with pre-approval)

Commencement/Post Degree

University of Maryland School of Nursing

1. Earns UMSON degree at the end of the third year.

Washington College Requirements

1. Graduates from WC after a UMSON official transcript is received showing the first year at UMSON has been completed.
2. Advisor, Tia Murphy ensures the Registrar's Office send Commencement Email in the Fall of the 4th year for inclusion in Commencement
3. SCE not required.

Johns Hopkins University School of Nursing Agreement

Washington College maintains a Letter of Agreement with Johns Hopkins University School of Nursing (JHUSON) for a Master of Science in Nursing program.

Entry into Nursing program (a direct-entry MSN program)

1. Qualified students must complete all of the prerequisite courses for the program and maintain a cumulative undergraduate GPA of at least 3.2.
2. Washington College students interested in the program receive assistance from a designated liaison from JHUSON. Additional information about the program can be obtained from the Pre-Nursing Program Advisor.

Students earn a WC B.S. degree with any major.

WC Required Courses for JHUSON Admittance:

Code	Title	Credits	Notes
BIO 203	Microbiology with Lab	4	_____
BIO 301	Integrative Human Anatomy with Lab	4	_____
or BIO 394	Special Topics		_____
when Anatomy & Physiology I			_____
BIO 424	Integrative Human Physiology with Lab	4	_____
or BIO 394	Special Topics		_____
when Anatomy & Physiology II			_____

MAT 109	Statistical Inference & Data Analysis I	4	_____
PSY 202	Life-Span Development	4	_____
PHS 194	Special Topics (Nutrition)	4	_____
Complete General Education Reuirements			_____

Pre-Pharmacy Program

Pre-Pharmacy Program
Pre-Health Professions Programs (p. 438)

Washington College offers both a 3:4 dual-degree program with the University of Maryland School of Pharmacy (UMSOP) and a traditional four-year Pre-Pharmacy advising program. Students interested in pharmacy should contact Martin Connaughton, Ph.D., Pre-Pharmacy Program Advisor, and Phil Ticknor, Coordinator of Pre-Health Professions Programs, to notify them of their interest and receive guidance. The Pre-Pharmacy Program Advisor works closely with students in the 3:4 dual-degree program as well as with other Pre-Pharmacy students.

3:4 Dual-Degree Program with University of Maryland School of Pharmacy

Through this program, students may earn a Bachelor of Science degree from Washington College in Biology *and* a Doctor of Pharmacy (Pharm.D.) degree from the University of Maryland School of Pharmacy (UMSON). This dual degree program typically requires seven years of study; the first three years are spent at Washington College and the final four at UMSOP.

Students in this program will receive their BS from Washington College after their successful completion of the first year of courses at UMSOP. To be eligible for graduation from Washington College, grades from the UMSOP must be submitted to the Washington College Registrar by the appropriate deadline.

Prospective students should contact the Pre-Pharmacy Program Advisor during the first-year orientation period and take required courses beginning with the first semester at Washington College. Each semester, students should consult with both their regular advisors and the Pre-Pharmacy Program Advisor to make sure that they are meeting all requirements of the program.

Admission to UMSOP is a separate process from admission to Washington College and it is highly competitive. Washington College students are not guaranteed positions at UMSOP. Students participating in the 3:4 Pharmacy Program should submit applications to UMSOP by February 1 of the third year at Washington College. To apply, students must have an overall cumulative grade-point average of at least 2.5, however the average grade-point average for successful applicants has been 3.5 in recent years. An admissions interview and writing assessment are required as well. Some experience in pharmacy is also strongly encouraged for a successful application. The Pharmacy College Admission Test (PCAT) is now optional when applying to UMSOP. Students looking for pharmacy experience can seek guidance from the Coordinator of Pre-Health Professions Programs.

At least 98 credits must be completed before beginning the UMSOP portion of the program. Students completing the 3:4 program are not required to complete a Senior Capstone Experience at Washington College.

Students seeking to complete the 3:4 program must complete specific courses at Washington College (p. 452).

Four-Year Pre-Pharmacy Path

Students interested in pursuing a career in pharmacy and elect to stay at Washington College for four years may earn a four-year bachelor's degree at Washington College in any major while completing the prerequisite courses for pharmacy school. Following graduation, students can attend pharmacy school to earn a PharmD degree. Pre-Pharmacy Students should work with the Pre-Pharmacy Program Advisor and the Coordinator of Pre-Health Professions Programs to plan coursework and seek advice when applying to pharmacy schools. Students should refer to the website for each pharmacy school to which they would like to apply and contact personnel at the pharmacy school to learn more about each program.

Required Courses for the 3:4 Dual-Degree Pharmacy Program.

Code	Title	Credits	Notes
BIO 111 & BIO 113	General Biology I with Lab and General Biology I Lab		_____
BIO 112 & BIO 114	General Biology II with Lab and General Biology II Lab		_____
CHE 120 & CHE 122	Chem Principles Org Molecules with Lab and Chemical Principles Orgnc Molecules Lab		_____

CHE 140 & CHE 142	Reactions of Organic Molecules with Lab and Reactions of Organic Molecules Lab	_____
CHE 220 & CHE 222	Quantitative Chemical Analysis with Lab and Quantitative Chemical Analysis Lab	_____
CHE 240 & CHE 242	Chemistry of the Elements with Lab and Chemisty of the Elements Lab	_____
PHY 101	College Physics I with Lab	_____
or PHY 111	General Physics I with Lab	_____
MAT 111	Differential Calculus	_____
or MAT 106 & MAT 107	Stretch Differential Calculus I and Stretch Differential Calculus II	_____
MAT 109	Statistical Inference & Data Analysis I	_____
BIO 203	Microbiology with Lab	_____
BIO 301	Integrative Human Anatomy with Lab	_____
or BIO 394	Special Topics	_____
when Anatomy & Physiology I		_____
BIO 424	Integrative Human Physiology with Lab	_____
or BIO 394	Special Topics	_____
when Anatomy & Physiology II		_____
BIO 392	Biology Junior Seminar	_____
ECN 112	Principles of Microeconomics	_____
CMS 150	Public Speaking	_____
or THE 211	Introduction to Acting	_____
ENG 101	Literature and Composition (OR any 200-level English course)	_____
Any additional 200, 300, or 400 level Biology course – Biochemistry (BIO 409) is highly recommended		_____
FYS 101	First-Year Seminar	_____
Complete General Education		_____

Pre-Veterinary Program

Pre-Veterinary Program
Pre-Health Professions Programs (p. 438)

The Pre-Veterinary Program offers individualized advising for students interested in pursuing admission to schools of Veterinary Medicine following their graduation from Washington College. Although most Washington College students who plan to attend veterinary school major in Biology or another Natural Science, students may choose any major offered by the College. Pre-Veterinary students work closely with the Pre-Veterinary Program Advisor to best plan their coursework to complete the prerequisite courses for veterinary school while also completing the major(s) and minor(s) of their choice. Both the Pre-Veterinary Program Advisor and the Coordinator of Pre-Health Professions Programs offer guidance regarding the application process and seeking out experiential learning opportunities, which are strongly recommended and are a vital piece of successful admission.

Because some of the courses needed for admission to veterinary school have one or more prerequisites – and because students who want to attend veterinary school in the academic year after graduation from Washington College will normally need to complete the courses necessary for professional school admission by the end of the junior year – students should begin to map their future coursework during their first academic advising meeting. The timing of the chemistry courses is especially important.

Pre-Veterinary Program
Pre-Health Professional Programs (p. 438)

The courses required for veterinary school admission vary from school to school; the courses below are required for more than half of all veterinary schools:

Code	Title	Credits	Notes
BIO 111 & BIO 113	General Biology I with Lab and General Biology I Lab		_____
BIO 112 & BIO 114	General Biology II with Lab and General Biology II Lab		_____
CHE 120 & CHE 122	Chem Principles Org Molecules with Lab and Chemical Principles Orgnc Molecules Lab		_____
CHE 140 & CHE 142	Reactions of Organic Molecules with Lab and Reactions of Organic Molecules Lab [4]		_____
CHE 220 & CHE 222	Quantitative Chemical Analysis with Lab and Quantitative Chemical Analysis Lab		_____
CHE 240 & CHE 242	Chemistry of the Elements with Lab and Chemisty of the Elements Lab		_____
BIO 409/CHE 309	Biochemistry with Lab		_____
or CHE 303	Chem of Biological Compounds with Lab		_____
PHY 101 & PHY 102	College Physics I with Lab and College Physics II with Lab		_____
or PHY 111 & PHY 112	General Physics I with Lab and General Physics II with Lab		_____
Two Math courses - typically MAT 109 and MAT 111 [1]			_____
Two English courses - ENG 101 is recommended			_____
Social Science courses			_____
Humanities courses			_____
In addition, 35-45% of veterinary schools require:			_____
BIO 203	Microbiology with Lab		_____
BIO 209	Genetics with Lab		_____

[1] MAT 111 Differential Calculus can be substituted with *both* Stretch Differential Calculus I (MAT 106) and Stretch Differential Calculus II (MAT 107)

Wellness & Personal Development

Credit for Wellness and Personal Development Courses

For Students in Degree-Granting Programs

The Wellness and Personal Development (WPD) program offers an opportunity within the curriculum for experience-based teaching and learning of health, wellness, and personal growth intended to support flourishing lives and communities. WPD courses are designed to develop capacities, knowledge, and lifelong skills in health, wellness, and personal development. Students can explore health and wellness through a variety of classes grounded in the research and scientific bases of exercise, wellness, and holistic personal growth.

Most WPD courses are one- or two-credit and are a half-semester in length. A maximum of 8 WPD credits may be applied toward elective credits for graduation. There is no limit on how many WPD courses may be taken, or how many credits may be earned. Courses may be taken for letter grades or pass/fail.

Courses are designated as either all Theory all Practice, or a combination of Theory and Practice. Any course listed as Theory or Theory & Practice counts toward the theory requirement for students wishing to earn more than four WPD credits.

Non-Degree Granting Program

The Wellness and Personal Development (WPD) program offers an opportunity within the curriculum for experience-based teaching and learning of health, wellness, and personal growth intended to support flourishing lives and communities. WPD courses are designed to develop capacities,

knowledge, and carry-over skills in health, wellness, and personal development, with an emphasis on the research and scientific bases of exercise, wellness, and holistic growth.

Most WPD courses are one- or two-credit and are a half-semester in length. A maximum of eight WPD credits may be applied toward graduation, but no more than four credits of practice-only courses can be applied toward graduation. Beyond those limitations there is no limit on how many WPD courses may be taken, or how many credits may be earned. Courses may be taken for grades or on a pass/fail basis.

Students are encouraged to take a variety of credit-bearing WPD classes with the aim of enhancing their overall wellness to complement their academic learning. The program offers courses in sports, fitness, aquatics, and other personal development activities which serve to improve physical and mental health and fitness, develop recreational and leisure-time skills, and facilitate functional body movement. Additionally, the program includes classes that impart theory and may include the following topics: knowledge of health and fitness, skills performance, game strategies and rules, sport coaching, nutrition, and sports medicine, as well as offering American Red Cross certification in CPR/Lifeguarding, personal training certification, and PADI certification in Scuba.

Sarah Feyerherm, Program Director
Susan Groff, Program Coordinator

WPD 102 Bodyweight & Core Conditioning 1 Credit
Designed to teach and instruct students on the methods and practices of bodyweight exercises and the importance of 'pillar' (core) training to create simple yet effective workout routines. The course will also have a practical element where students will engage in actual exercise routines and practice the exercises discussed in the class. (Theory & Practice).

WPD 103 Sailing 1 Credit
Instruction and practice in small sailboats on the Chester River. (Practice)

WPD 104 Tennis 1 Credit
Students learn the sport's fundamental strokes: forehand, backhand, volley, and serve. The course also includes an explanation of the rules, as well as basic singles and doubles strategy. (Practice)

WPD 105 Basics of Golf 1 Credit
Instruction and practice in golf skills-chipping, pitching, full swing, putting, the rules of golf and golf etiquette. (Practice)

WPD 106 American Red Cross Lifeguarding/CPR 2 Credits
The course stresses physical fitness and strength and endurance combined with the skills and techniques needed to be a certified lifeguard. Students complete a standard ARC test; cards are issued for successful completion of the course. Additional fees apply. (Theory & Practice)

WPD 117 Basic Sports Performance&human Movement 2 Credits
The course offers instruction, practice and lecture-based learning on a variety of fitness concepts. Students learn the basic concepts of human movement, planes of motions, exercise techniques and selection, programming and periodization, flexibility, and mobility. Students receive an extended orientation to the Johnson Fitness Center, equipment, and how to write and follow an exercise program based on personal fitness goals. (Theory & Practice)

WPD 120 Yoga Nidra 1 Credit
In this course, students will learn the principles and practice of Yoga Nidra, an effortless guided meditation that facilitates a powerful and unique state of awareness. Sound healing uses specific instruments to balance and heal the body, mind, and spirit. Students attend two 50-minute in-person classes a week led by the instructor for seven weeks. They are also expected to practice assignments (recorded guided meditations available on-line) out of class and complete written reflections of their experiences, totalling an additional 3-4 hours week.
Term(s) Offered: Fall, All Years

WPD 123 Introduction to Rowing 1 Credit
Instruction and practice in rowing and sculling on the Chester River. Students learn proper technique through Washington College's shells and rowing equipment. Students utilize both the Washington College's boathouse water tanks, classroom for video analysis, and the Chester River for instruction. Passing a swim-test is required to take this course. (Practice)

WPD 125 Hatha Yoga 1 Credit
Hatha Yoga focuses on postures (asanas), breathing, and meditation. It is suitable for beginners and all fitness levels, as the movements are slow-paced and gentle. The benefits of Hatha yoga include better sleep, strengthening core muscles, flexibility, improving depression symptoms, and helping with stress management. (Practice)

WPD 126 Racquet Sports 1 Credit
Instruction and practice in the fundamentals of badminton, racquetball, platform tennis, and squash, including the rules and etiquette of each sport. (Practice)

WPD 130 Scuba 2 Credits
This PADI open-water certified diver course provides students with the knowledge and skills to safely explore the underwater world. Instruction includes two hours of classroom and two hours of pool time for six weeks plus a weekend open-water dive. Must pass a swimming test. Additional fees apply. (Theory & Practice)
Fees: $262 Scuba Course Fee

WPD 131 Advanced Scuba 0 Credits
An advanced scuba course. Additional fees apply.
Requisites: Pre-req: Take WPD 130

WPD 132 Cycling 1 Credit
Students bike for aerobic exercise as well as the care, repair, and maintenance of bikes and techniques for safe riding. Bikes are provided if needed. (Practice)

WPD 135 Basics of Swimming 1 Credit
Basic instruction in swimming, including proper form and strokes (breaststroke, butterfly, backstroke, sidestroke, freestyle) and basic safety maneuvers (treading and floating) are taught. No prior swimming experience is necessary. This class accepts varying degrees of experience. Students complete the swim test for Washington College water-related activities as part of the course. (Practice)

WPD 147 Personal Training Certification 2 Credits
Washington College partners with the National Academy of Sports Medicine to offer this course. Students follow an accelerated learning program on the human movement system, fitness assessment, integrated training and theory application, design of fitness programs, nutrition and exercise, lifestyle coaching and professional development. The course does not guarantee a personal trainer certification which requires students to pass the NASMCPT exam at a certified testing center. Additional fees apply. (Theory & Practice)

WPD 151 Methods of Coaching 2 Credits
An experiential learning course where students examine the roles of the coach, the four components of sports and how to teach them, elements of leadership, methodologies for organizing and delivering practices, developing a coaching philosophy, and solving ethical dilemmas. Emphasis is placed on the psycho-social aspects of coaching. Students are tasked with a final project of creating and delivering a practice session (utilizing their classmates as practice players) in the sport of their choosing. Participation in these practice sessions is encouraged but not mandatory. (Theory)

WPD 194 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

WPD 240 Practicing Mindfulness 2 Credits
This course will provide students with an introduction to mindfulness through a combination of lecture, practice, and class discussion. Students will learn the core principles of mindfulness and how to apply them to their daily lives. A key component of this experiential course will involve students developing their own mindfulness practice, as they explore different strategies and develop skills to enhance their awareness of the mind-body connection.
Cross-listed as: PSY 240/WPD 240
Term(s) Offered: Spring, All Years

WPD 294 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

WPD 394 Special Topics 4 Credits
View Available Sections for titles and descriptions of Special Topics offered this semester.
Term(s) Offered: All Terms, All Years

Senior Capstone Experience

The Student Capstone Experience (SCE)

The SCE requires students to demonstrate the ability to think critically and to engage in a project of active learning in their major field of study. In the SCE, which is required of all graduating seniors, students integrate all relevant knowledge and skills from their entire academic program into a senior project demonstrating mastery of a body of knowledge and intellectual accomplishment that goes significantly beyond classroom learning.

Senior Capstone Experiences can take several forms: research papers, comprehensive exams, professional portfolios, and artistic creations or performances. Whatever the design, Senior Capstone Experiences will be informed by the following expectations:

- Demonstrated student initiative
- Significant preparatory work
- Active inquiry
- Integration of acquired knowledge and skills
- Culmination of previous academic work
- For those majors which require or allow the comprehensive exam:
  - Fulfill all departmental requirements (methodology courses, review sessions, etc.) designed to prepare students for the exams.
- Passed the comprehensive exam.
- For those majors which require or allow a thesis or senior project:

    - Select paper or project topic no later than the fourth week of classes in the fall semester of the senior year.
    - Submit outline (if required).
- Submit rough draft of thesis or project by the deadline established by the department.
- Submit final draft of thesis no later than the established departmental deadline or the last day of classes of the semester in which the student is graduating, whichever is earlier.

Members of the faculty, mentor seniors intensively as they work to complete their Senior Capstone Experiences. As part of the process, students are expected to share with the College community in appropriate ways the results of their Senior Capstone Experience. The Curriculum Committee reviews, at regular intervals, departmental policies regarding the Senior Capstone Experience to ensure compliance with the expectations listed above and overall equality of demands across departments. *More information about policies governing SCE courses is available in the Registration Policies section below.*

Because each department sets its own intermediate deadlines for submission or completion of requirements for the Senior Capstone Experience, students should refer to their department's established deadlines or consult their department chair regarding each of the above checklist items.

Students who fail to meet their department's deadlines or other requirements may earn a failing grade for their Senior Capstone Experience regardless of the College deadline of the last day of classes.

Excellent work on the Senior Capstone Experience, along with the quality of work done in major courses, can result in Departmental Honors. *More information about Honors at Graduation is available in the Graduation Policies section below.*

Registration for the Senior Capstone Experience

Students in their senior year will be advised to register for a Senior Capstone Experience course worth four credit hours. With departmental approval, students who double major may complete one integrated Senior Capstone Experience course. The final grade for this course will be determined by the SCE advisors from both majors in consultation with one another and with other faculty from the two departments who participated in the student's capstone experience. When such integration is not advisable, double majors will register for two separate SCE courses worth two credit hours apiece, one for each department. The final grade for each individual course will be determined by the SCE advisor in consultation with others from the student's major department who participated in the student's capstone experience. Students who decide to drop a second major after the drop/add deadline and before the withdrawal deadline will receive a W grade on that SCE. The remaining SCE will be updated to four credits. Exceptions to this deadline must be approved by the Dean of Student Achievement and Success.

The four credit hours awarded through the successful completion of the Senior Capstone Experience course(s) is part of the 128 credit hours required to graduate from the College. Students may not earn more than four credit hours in fulfillment of their Senior Capstone Experience.

Departments determine whether to assign a letter grade or designate Senior Capstone Experiences in their department with honors or a Pass/Fail grade. For Departments that use letter grades, only Senior Capstone Experience courses receiving a letter grade of A- or better qualify for honors.

Senior Capstone Experience Grades & Fees

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