Psychology Major

For broad exposure to many subfields within psychology, courses in the major emphasize empirical testing of theoretical psychological models. The broad 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.

A. *Two-semester introductory sequence in the natural sciences*: Take **one** of the following sequences:

- ☐ BIO 111 and 112 - General Biology
- ☐ CHE 111 and 112 - General Chemistry
- ☐ PHY 111 and 112 - General Physics

B. *The Psychology Core:* All of the following psychology courses are required:

- ☐ PSY 111 and 112 - General Psychology
- ☐ PSY 209 - Statistics and Research Design I
- ☐ PSY 309 – Statistics and Research Design II
- ☐ PSY 399 – Junior Seminar
- ☐ PSY SCE – Psychology Senior Capstone Experience

C. *Laboratory Requirement:* Majors must complete **five** of the following courses. Three of these must be laboratory courses († indicates a laboratory course), and there must be at least one course from each of the three disciplinary areas:

General Experimental

- ☐ PSY 202 – Lifespan Developmental
- ☐ PSY 205 – Drugs and Behavior
- ☐ PSY 211 – History and Systems of Psychology
- ☐ PSY 220 - Human Sexuality
- ☐ PSY 316 – Cognitive Psychology †
- ☐ PSY 221 – Social Psychology
- ☐ PSY 231 – Personality
- ☐ PSY 302– Advanced Developmental Psychology †
- ☐ PSY 321 – Experimental Social Psychology †

Applied/Clinical

- ☐ PSY 233 – Psychopathology I
- ☐ PSY 234 – Psychopathology II
- ☐ PSY 304 – Theories & Processes of Counseling
- ☐ PSY 320 – Health Psychology †
- ☐ PSY 333 – Psychological Testing
- ☐ PSY 403 – Behavior Modification †
- ☐ PSY 433 – Child Assessment †

Biological

- ☐ PSY 210 – Biopsychology †
- ☐ PSY 305 – Psychopharmacology †
- ☐ PSY 313 – Learning †
- ☐ PSY 317 – Sensation and Perception †
- ☐ PSY 319 – Comparative Psychology †
- ☐ PSY 410 – Neurosci. Research Methods †

Psychology Major with a Concentration in Behavioral Neuroscience (BN)

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, veterinarian medicine, animal science, neurology, and neuroscience. Because BN concentrators have additional laboratory requirements beyond other Psychology majors, students in the BN track earn a Bachelors of Science (B.S.).

A. BN students are required to complete **all** of the following natural science courses:

- BIO 111 and 112 - General Biology
- CHE 111 and 112 - General Chemistry

B. *The Psychology Core:* All of the following psychology courses are required:

- PSY 111 and 112 - General Psychology
- PSY 209 - Statistics and Research Design I
- PSY 309 – Statistics and Research Design II
- PSY 399 – Junior Seminar
- PSY SCE – Psychology Senior Capstone Experience
  (SCE topic must be pre-approved by the BN concentration advisor)

C. *The Behavioral Neuroscience Core:* The following two laboratory courses are required:

- PSY 210 - Biopsychology
- PSY 410 - Neuroscience Research Methods

D. *Additional Laboratory Courses:* **Three** of the following courses are required, with at least one from group D1 and one from group D2:

Group D1

- PSY 305 – Psychopharmacology
- PSY 313 – Learning
- PSY 319 - Comparative Psychology
- With advance approval of the BN concentration advisor, one of the following can be chosen: on-campus or off-campus research; Advanced Problems (PSY 440); or <u>one</u> upper-level laboratory course in Biology, Chemistry, or Physics. If choosing this option, one additional course must also be chosen from D1.

Group D2

- PSY 316 - Cognitive Psychology
- PSY 317 - Sensation & Perception
- PSY 320 - Health Psychology

E. *Fundamental Psychology:* **One** of the following courses is required:

- PSY 202 – Lifespan Developmental
- PSY 221 – Social Psychology
- PSY 233 or 234 – Psychopathology I or II
- PSY 333 – Psychological Testing

NOTE: Students in the BN concentration are encouraged to take additional 300 and 400-level PSY courses, as well as other upper-level BIO and CHE courses. Those students planning to apply to graduate neuroscience programs, medical, or veterinary schools should also consider MAT 201, MAT 202, PHY 111, PHY 112, CHE 201, and CHE 309/BIO 409. Such students should consult with the Pre-med advisor or their behavioral neuroscience advisor.

Psychology Major with a Concentration in Clinical/Counseling (CC)

This concentration is designed to prepare 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.

A. *Two-semester introductory sequence in the natural sciences*: Take **one** of the following sequences:

- ☐ BIO 111 and 112 - General Biology
- ☐ CHE 111 and 112 - General Chemistry
- ☐ PHY 111 and 112 - General Physics

B. *The Psychology Core:* All of the following psychology courses are required:

- ☐ PSY 111 and 112 - General Psychology
- ☐ PSY 209 - Statistics and Research Design I
- ☐ PSY 309 – Statistics and Research Design II
- ☐ PSY 399 – Junior Seminar
- ☐ PSY SCE – Psychology Senior Capstone Experience
  (SCE topic must be pre-approved by a CC advisor to cover diagnosis and/or treatment)

C. *Counseling/Clinical Core* - Four (4) of the following courses are required:

- ☐ Personality (PSY 231)
- ☐ Psychopathology I (PSY 233)
- ☐ Psychopathology II (PSY 234)
- ☐ Psychological Testing (PSY 333)
- ☐ Special Topics in Clinical, Counseling, or Community Psychology (PSY 294, PSY 394)
- ☐ Theories and Processes of Counseling (PSY 304)
- ☐ Psychology Internship (PSY 490, 491)

D. *Counseling/Clinical Lab Courses*- Choose **two** of the following lab courses, only one of which can be Advanced Developmental Psychology or Experimental Social Psychology:

- ☐ Advanced Developmental Psychology (PSY 302)
- ☐ Health Psychology (PSY 320)
- ☐ Experimental Social Psychology (PSY 321)
- ☐ Behavior Modification (PSY 403)
- ☐ NRM: Human Neuropsychology (PSY 410)
- ☐ Child Assessment (PSY 433)
- ☐ Advanced Problems (PSY 440); with prior approval of the Counseling/Clinical Faculty

FOR DUAL CC and BN CONCENTRATORS: Only one of the courses above may be applied toward the requirements for both concentrations.

E. *Biological Lab Courses*- Choose **one** of the following:

- ☐ Biopsychology (PSY 210)
- ☐ Psychopharmacology (PSY 305)
- ☐ Learning (PSY 313)
- ☐ Sensation & Perception (PSY 317)

STRONGLY ENCOURAGED COURSES to round out the CC concentration are Lifespan Developmental Psychology and Drugs & Behavior, as well as an array of courses in other fields (i.e., Biology, Business Management, Education, Philosophy, Sociology). Discuss areas of potential interest with your academic advisor.