# ENVIRONMENTAL STUDIES (BA) Course Checklist

Required Core Courses: Semester Completed

ENV 101. Introduction to Environmental Studies \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ENV 117. Introduction to Env and Natural Resource Economics \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PHL 102. Contemporary Moral Issues \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ENV 140. Exploring the Solid Earth *or* ENV 141 Atmosphere, Ocean,

 and Environment \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Science Sequence Courses (**complete sequence 1 OR sequence 2**):

**Sequence 1:**

Biology Sequence

 BIO 111. General Biology I \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 BIO 112. General Biology II \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 ENV 242. Applied Ecology \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 CHE/ENV 110. Chemistry of the Env\* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**OR**

**Sequence 2:**

Chemistry Sequence

 CHE 120. Chemical Principles of Organic Molecules \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 CHE 220. Quantitative Chemical Analysis \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 CHE/ENV 210. Environmental Chemistry \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 BIO 100. Current Topics in Biology \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Environmental upper-level elective courses (2 required from **List A** below):

Course 1 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Course 2 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Humanities and/or Social Science electives courses (3 required from **List B** below):

Course 1 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Course 2 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Course 3 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Math course (1 option required from **List C** below):

Course 1 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Seminar and SCE Courses (all 3 required):

ENV 392. Jr Seminar \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ENV 491. Sr Seminar \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ENV SCE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**List A**: Environmental upper-level elective course list

*Select 2 courses*

* ENV/BIO 221. The Bermuda Environment (summer course, odd years)
* ENV 222. Summer Environmental Studies in Ecuador (summer course, even years)
* ENV 240. Earth & Planetary Systems
* ENV 294. Environmental Communication
* ENV 294. Disease Ecology
* ENV 294: Anthropogenic Impact Across an Environmental Gradient (summer course)
* ENV 302. Conservation and Wildlife Techniques
* ENV 311. Watershed Biogeochemistry
* ENV 312. Field Methods in Environmental Science
* ENV/BIO 313. Wetlands Ecology
* ENV 314. Energy and the Environment
* ENV 319. Sustainability & the Environment
* ENV 320. Climate Change
* ENV 394. Marine Conservation
* ENV 394. Restoration Ecology
* ENV Special Topics (as approved by the ENV Dept Chair)

**List B**: Interdisciplinary upper-level electives list:

*Select 3 courses from at least 2 different departments*

* ANT/ENV 107. Introduction to Environmental Archaeology
* ANT/ENV 109. Introduction to GIS
* ANT 280. Traditional Ecological Knowledge
* ART/ENV 241. Environment and Public Art
* ART/ENV 395. Art and the Natural World
* CRS 244. A Humanities Perspective on the Chesapeake (if enrolled in the Chesapeake Semester)
* ECN/ENV 317. Environmental Economics
* ECN/ENV 318. Natural Resource Economics (if taken ECN 112)
* ENG 347. American Environmental Writing
* PHL 310. Philosophy of Science
* POL/ENV 335. Global Environmental Politics
* SOC/ENV 370. Environmental Sociology
* SOC 394. Sociology and Agriculture
* Special Topics (with approval from ENV Dept Chair)

**List C:** Math course list (choose one option)

* MAT 109. Statistics
* MAT 106 and 107 Stretch Calculus (both must be taken)
* MAT 111. Differential Calculus *(Differential Calculus is recommended if you plan to attend graduate school)*

\*For Business and Psychology double majors/minors BUS 109 or PSY 109 may be taken with approval from ENV Dept Chair

Notes:

* Students interested in pursuing a physics track within the environmental studies degree program can substitute PHY 111 and/or PHY 112 for one or two courses in the major, after consultation with and written approval from an ENV Department Chair.
* \* Environmental Studies majors completing the Biology Science Sequence but that have also taken CHE 120 and 220 should plan to take CHE/ENV 210 rather than CHE/ENV 110, as you will have the pre-requisites completed for the 200-level course.
* Students majoring in Environmental Studies and minoring in Biology can double count a maximum of 3 courses (BIO 111 & 112 plus 1 approved upper-level BIO or ENV elective) towards their Environmental Studies major and BIO minor. 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 Env Studies major
	+ 6 course minor =  2 course overlap with Env Studies major
	+ 7 course minor = 3 course overlap with Env Studies major