

B. S. Environmental Studies (EVS)

Biological Science Option

*College: Arts & Sciences***DEGREE REQUIREMENTS**

Course requirements for all UNCW degrees include: (1) Basic Studies, (2) specific major requirements, and (3) sufficient elective hours for a combined total of a minimum of 124 hours.

(1) BASIC STUDIES (45 semester hours)

See Basic Studies sheet and/or information on the WEB at <http://www.uncw.edu/uc/basicstudies.htm>

(2) MAJOR REQUIREMENTS – Biological Science Option (Minimum 66 hours)

Check when complete:

CORE: 24 hours

- ____ +CSC 105 Introduction to Computers and Computer Applications (3) (Meets **Computer Competency Requirement**)
- ____ *+BIO 204 Principles of Biology: Cells (4)
- ____ *+CHM 101 General Chemistry (4)
- ____ +EVS 195 Introduction to Environmental Studies (3)
- ____ +MAT 111 (or higher) College Algebra (3) Prerequisite: Satisfactory performance on the UNCW Placement Test
- ____ +STT 215 or Introduction to Statistics (3) Prerequisite: MAT 111 or 115 or GGY 222 Quantitative Methods in Earth Sciences (3)
- ____ *GGY 130 or *EVS 120 (GLY 120) w/ lab Introduction to Physical Geography (4) or Environmental Geology (4)

Biological Science Option: 42-46 hours in addition to the General Core

- ____ *+BIO 205 Principles of Biology: Plant (4)
- ____ *+BIO 206 Principles of Biology: Animals (4)
- ____ *BIO 366 Ecology (3) BIOL 366 (1) Prerequisite: BIO 205 and 206
- ____ *+CHM 102 General Chemistry (4) Prerequisite: CHM 101
- ____ *CHM 377 Environmental Chemistry (3) CHML 377 Lab (1) Prerequisite: CHM 102
- ____ *PHY 105 or 101-102 Introductory Physics (4) or Elementary College Physics (4-4) Corequisite: MAT 111
- ____ EVS 495 Seminar in Environmental Studies (3) Prerequisite: Senior Standing (Meets **Oral Communication Competency Requirement**)

B. S. Biological Science Option Electives: Choose 15 hours of the following from at least two different areas; 11 hours must be at the 300 level or higher

- ____ Choose from BIO *311, *312, *313, *318, 340, *345, *356, *357, 358, *362, 364, 368, 380, *425, 430, 434, *452, 455, *456, *458, *460, 462, *465, 466, *471, *474, *475, 478, 480, 482, 484, 485, 486, *487, 488; *CHM 211, *212, *235, 475, 478; ENG 204, 313; EVS 205, 325 (ECN 325), 330 (ECN 330), 362 (BLA 362), 380, 420, 462, 478, 479, 485, 490, 491 and/or 497 and/or 498 (up to 6 hours total for any combination of 491, 497 and 498), 499; GGY 235, *320, 328, 333, 336, 422*424, *426; GLY 220, 226, 250, 350, 393; PHY 475; SHS 210; STT 305, 350.

A student must complete all requirements for the major with an overall 2.00 GPA to graduate.

**These courses either include a lab or require a co-requisite lab.*

+May also be used to satisfy Basic Studies requirements

(3) ELECTIVES

____ Elective hours to equal a minimum of 124 hours

Requirements to declare PRE-EVS: Completion of 24 hours
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For further information see the EVS WEB site: http://www.uncw.edu/evs/ and http://www.uncw.edu/catalogue/courses/evs.htm

ENVIRONMENTAL STUDIES and ENVIRONMENTAL SCIENCES COURSES

- EVS 120. (GLY 120) Environmental Geology (3)**
EVSL 120 (GLYL 120) Environmental Geology Laboratory (1)
EVS 195. Introduction to Environmental Studies (3)
EVS 205. Global Environmental Issues (3)
EVS 325. (ECN 325) Environmental Economics (3) Prerequisite: ECN 125 or 221 and junior standing
EVS 330. (ECN 330) Natural Resource Economics (3) Prerequisite: ECN 125 or ECN 221 and junior standing
EVS 360. Human Dimensions of Natural Resource Management (3) Prerequisite: REC 195
EVS 361. History and Philosophy of Natural Resources Management (3)
EVS 362. (BLA 362) Environmental Law (3)
EVS 363. Environmental Education Interpretation (3) Prerequisite: EVS 195
EVS 370. (PSY 370) Environmental Psychology (3) Prerequisite: PSY 105
EVS 380. Undersea Science and Technology (3) Prerequisite: BIO 204, EVS 195, TEC 101
EVS 420. (GLY 420) (PHY 420) Global Climate Change (3) Prerequisites: PHY 102, CHM 102, MAT 162
EVS 462. Seminar in Environmental Law & Policy (3) Prerequisite: Junior or senior standing and EVS 362 or consent of instructor
EVS 470. Advanced Natural Resource and Wildland Management (3) Prerequisites: EVS 195 and EVS 360
EVS 471. Management of User-Oriented Natural Resource Areas (3) Prerequisites: EVS 195 and EVS 360
EVS 478. Hazardous Waste Operations and Emergency Response (HazWOpER) (3) Prerequisite: Junior or senior standing, or consent of instructor
EVS 479. Introduction to Research Diving (2) Prerequisite: SCUBA certification, medical exam, and permission of instructor
EVS 485. Special Topics in Advanced Environmental Science (1-6) Prerequisite: Junior or senior standing, EVS 195, or consent of instructor
EVS 488. (BIO 488) Forensic Environmental Science (3) CHM 102 or equivalent and junior status
EVS 490. Senior Project (1-6) Prerequisite: Senior standing and permission of instructor
EVS 491. Directed Individual Study (1-3) Prerequisite: Overall GPA or at least 2.00, junior or senior standing, and consent of instructor, department chair and dean
EVS 495. (EVS 501) Seminar in Environmental Studies (3) Prerequisite: Junior or senior standing in EVS, and consent of instructor
EVS 497. Practicum in Environmental Studies (3-12) Prerequisite: Junior or senior standing in environmental studies, 2.00 GPA overall, consent of instructor.
EVS 498. Internship in Environmental Studies (1-12) Prerequisite: Junior or senior standing
EVS 499. Honors Work in Environmental Studies (2-3) Prerequisite: Senior standing

OTHER ENVIRONMENTAL STUDIES GENERAL CORE COURSES

- CSC 105. Introduction to Computers and Computer Applications (3)**
BIO 204. Principles of Biology: Cells (4)
CHM 101. General Chemistry (4)
MAT 111. College Algebra (3) Prerequisite: Satisfactory performance on the UNCW Math Placement Test
STT 215. Introduction to Statistics (3) Prerequisite: MAT 111 or 115
GGY 222. Quantitative Methods in Earth Sciences (3)
GGY 130. Introduction to Physical Geography (4)
GLY 120. (EVS 120) Environmental Geology (3) GLYL 120. (EVSL 120) Environmental Geology Lab (1)