

**B. S. Environmental Studies (EVS)**

Physical 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/basiestudies.htm>

**(2) MAJOR REQUIREMENTS – Physical Science Option** (Minimum 68 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)

**Physical Science Option 44 hours in addition to the General Core:**

- \_\_\_\_\_ \*+CHM 102 General Chemistry (4) Prerequisite: CHM 101
- \_\_\_\_\_ EVS 495 Seminar in Environmental Studies (3) Prerequisite: Senior Standing (Meets **Oral Communication Competency Requirement**)
- \_\_\_\_\_ GLY 220 Field Methods in Environmental Sciences (3) Prerequisite: GLY 101 or GLY 120 w/ lab (EVS 120) or GGY 130; and MAT 111
- \_\_\_\_\_ +MAT 161 Calculus with Analytical Geometry (4) Prerequisite: MAT 112 or 115 or placement
- \_\_\_\_\_ +MAT 162 Calculus with Analytical Geometry (4) Prerequisite: MAT 162
- \_\_\_\_\_ \*+PHY 101-102 or \*+PHY 201-202 Elementary College Physics (4-4) or General Physics (4-4)

**B. S. Physical Science Option Electives:** Choose 18 hrs of the following from at least two different areas;

15 hrs must be at the 300 level or higher

- \_\_\_\_\_ Choose from BIO \*487, 488; CHM \*211, \*212, \*235, 250, \*312, \*321, 365, \*377, \*380, 415, 466, 467, 475, 478; 485; ENG 204, 313, 314; 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 hrs total for any combination of 491, 497 and 498), 499; GGY 235, 270, 320, 328, \*333, \*335, 336, 383, 384, 422, \*426, 433, 435, 437, 473; GLY 226, 250, 335, 350, 391, 392, 393, 394, 420, \*426, \*431, \*441, \*450, \*458, 465, 472, 475; PHY 311-312; SHS 210; STT 305

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

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 and 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)