



# Environmental Studies, B.S. *major*

## Geohydrology Emphasis

---

Required Credits: 84  
Required GPA: 2.25

### I REQUIRED CORE COURSES

Notes: Students who select the Environmental Management Emphasis should select ENVR 4970 Internship (3 credits) Internship rather than ENVR 4990 Thesis (3 credits) Senior Thesis. Students who select the Outdoor Education Emphasis will be taking PHED 4970 Internship (6 credits) in the emphasis core instead of ENVR 4970 Internship (3 credits) Internship (3 credits) in the Environmental Studies core.

#### COMPLETE THE FOLLOWING COURSES:

- BIOL 1211 Introductory Biology I (4 credits)
- BIOL 1212 Introductory Biology II (4 credits)
- BIOL 2610 General Ecology (3 credits)
- ENVR 2000 Introduction to Environmental Science (3 credits)
- ENVR 4210 Environmental Law and Policy (3 credits)
- GEOL 1110 Physical Geology (4 credits)
- POL 3230 Environmental Politics (3 credits)
- SOC 3050 Environmental Sociology (3 credits)

#### COMPLETE THE FOLLOWING COURSE:

- ENVR 3920 DGS: Seminar in Environmental Controversies (2 credits)

#### COMPLETE THE FOLLOWING COURSE:

Enroll for 1 credit - two different terms

- ENVR 4920 Directed Group Study: Senior Seminar (1 credit)

#### SELECT 1 OF THE FOLLOWING COURSES:

- CHEM 1111 General Chemistry I (4 credits)
- CHEM 2211 Principles of Chemistry I (4 credits)

#### SELECT 1 OF THE FOLLOWING COURSES:

- CHEM 1112 General Chemistry II (4 credits)
- CHEM 2212 Principles of Chemistry II (4 credits)

#### SELECT 1 OF THE FOLLOWING COURSES:

- ECON 3040 Environmental Economics (3 credits)
- ENVR 3040 Environmental Economics (3 credits)

#### SELECT 1 OF THE FOLLOWING COURSES:

- ENVR 4970 Internship (3 credits)
- ENVR 4990 Thesis (3 credits)

#### SELECT 1 OF THE FOLLOWING COURSES:

- SOC 3001 Social Statistics (3 credits)
- STAT 2610 Applied Statistics (4 credits)

### GEOHYDROLOGY EMPHASIS

#### COMPLETE THE FOLLOWING COURSES:

- ENVR 4050 Geochemistry (3 credits)
- GEOL 1120 Historical Geology (4 credits)
- GEOL 2110 Mineralogy and Petrology (4 credits)
- GEOL 3211 Environmental Hydrology (3 credits)
- GEOL 3212 Hydrogeology (3 credits)
- GEOL 3400 Glacial and Pleistocene Geology (3 credits)
- MATH 2471 Calculus I (5 credits)
- MATH 2472 Calculus II (5 credits)
- PHYS 1101 General Physics I (4 credits)

SELECT 2 SEMESTER CREDITS OF ELECTIVES APPROVED BY CEES ADVISOR:

### SUGGESTED SEMESTER SCHEDULE FOR ENVIRONMENTAL STUDIES MAJOR, B.S.

The following is a list of Environmental Studies Major Courses arranged by year. This schedule is intended to help students plan their courses in an orderly fashion; however, these are only suggestions and this schedule is flexible.

#### Freshman

- BIOL 1211 Introductory Biology I (4 credits)
- BIOL 1212 Introductory Biology II (4 credits)
- Select one mathematics sequence:
  1. MATH 1170 College Algebra (4 credits)  
MATH 2171 Concepts of Calculus I
  2. MATH 1470 Precalculus (5 credits)  
MATH 2471 Calculus I (5 credits)
- Liberal Education Requirements

#### Sophomore

- BIOL 2610 General Ecology (3 credits)
- ENVR 2000 Introduction to Environmental Science (3 credits)
- Select one chemistry sequence:
  1. CHEM 1111 General Chemistry I (4 credits)  
CHEM 1112 General Chemistry II
  2. CHEM 2211 Principles of Chemistry I (4 credits)  
CHEM 2212 Principles of Chemistry II
- GEOL 1110 Physical Geology (4 credits)
- PHYS 1101 General Physics I (4 credits)
- SOC 3001 Social Statistics (3 credits)
- or STAT 2610 Applied Statistics (4 credits)
- Liberal Education Requirements

#### Junior

- ENVR 3920 DGS: Seminar in Environmental Controversies (2 credits)
- ENVR 4210 Environmental Law and Policy (3 credits)
- POL 3230 Environmental Politics (3 credits)
- ECON/ENVR 3040 Environmental Economics
- SOC 3050 Environmental Sociology (3 credits)
- Emphasis courses
- Liberal Education courses

#### Senior

- ENVR 4920 Directed Group Study: Senior Seminar (1 credit)
- ENVR 4970 Internship (3 credits)
- or ENVR 4990 Thesis (3 credits)
- Complete Emphasis courses
- Complete Liberal Education courses