

# B.S. Environmental Science

## Chemistry Track (no Minor required)

Name: \_\_\_\_\_

### Common Core for All Environmental Science Majors (34 hours):

- \_\_\_\_\_ BIOL 1440 Principles of Biology I
- \_\_\_\_\_ BIOL 1441 Principles of Biology II (BIOL 1440)
- \_\_\_\_\_ CHEM 1450 College Chemistry I
- \_\_\_\_\_ CHEM 1451 College Chemistry II (CHEM 1450)
- \_\_\_\_\_ GEOG 1400 Earth Systems Science *or* \_\_\_\_\_ SCI 3410 Earth Science
- \_\_\_\_\_ GEOG 3301 Conservation of Natural Resources (GEOG 2331) [UD UCA Core: R]
- \_\_\_\_\_ ENVR 3410 Environmental Theory and Application [UD UCA Core: D, C]
- \_\_\_\_\_ PSCI 3320 Environmental Policy (PSCI 1330 or PSCI 2305) [UD UCA Core: I, R]
- \_\_\_\_\_ ENVR 4410 Environmental Practicum [UD UCA Core: Z]

### Recommended LD Core courses:

- PSCI 1330
- ECON 1310 or  
2320 or 2321

### Chemistry Track Requirements (41 hours):

- \_\_\_\_\_ CHEM 2401 Organic Chemistry I
- \_\_\_\_\_ CHEM 3411 Organic Chemistry II
- \_\_\_\_\_ CHEM 3520 Quantitative Analysis
- \_\_\_\_\_ CHEM 4351 Environmental Chemistry & \_\_\_\_\_ CHEM 4152 Environ. Chem. Lab
- \_\_\_\_\_ CHEM 3211 Organic Spectroscopy
- \_\_\_\_\_ CHEM 4451 Advanced Analytical
- \_\_\_\_\_ PHYS 1410 College Physics 1 *or* \_\_\_\_\_ PHYS 1441 University Physics 1
- \_\_\_\_\_ PHYS 1420 College Physics 2 *or* \_\_\_\_\_ PHYS 1442 University Physics 2
- \_\_\_\_\_ MATH 1496 Calculus I
- \_\_\_\_\_ MATH 1497 Calculus II

### Chemistry Track Electives (choose 10 hours from the following):

- \_\_\_\_\_ CHEM 3360 Intermediate Inorganic Chemistry
- \_\_\_\_\_ CHEM 4320 Biochemistry I
- \_\_\_\_\_ CHEM 4335 Biochemistry II
- \_\_\_\_\_ CHEM 4450 Physical Chemistry I
- \_\_\_\_\_ CHEM 4460 Physical Chemistry II
- \_\_\_\_\_ CHEM 4380 Advanced Inorganic
- \_\_\_\_\_ CHEM 3150 Advanced Inorganic Lab
- \_\_\_\_\_ BIOL 3403 General Ecology [UD UCA Core: I] (*recommended*)
- \_\_\_\_\_ ENVR 4465 Environmental Toxicology [UD UCA Core: Z]
- \_\_\_\_\_ GEOG 3301 Conservation of Natural Resources
- \_\_\_\_\_ GEOG 4304 Water Resources [UD UCA Core: R]
- \_\_\_\_\_ GEOG 4305 Soils
- \_\_\_\_\_ ECON 3330 Environmental Economics [UD UCA Core: R]
- \_\_\_\_\_ A maximum of **2 credit hours of research** in physics, chemistry, mathematics, biology, or computer science.

**Eight (8) credit hours applied to a minor** in mathematics, biology, physics, or geography.