



## ENVIRONMENTAL SCIENCE DEGREE

At least 121 total hours       at least 51 upper level hours       2.50 GPA

Environmental Science Major:

- 39 credit hours required courses \_\_\_\_\_
- At least 21 credit hours required electives \_\_\_\_\_
- At least 13 credit hours free electives \_\_\_\_\_

Required courses

- BIOL 1401/1487      General Biology I
- BIOL 1402/1488      General Biology II
- BIOL 3404      Conservation Biology
- CHEM 1301      General Chemistry I
- CHEM 1101      General Chemistry I Lab
- CHEM 1302      General Chemistry II
- CHEM 1102      General Chemistry II Lab
- GEOL 1401      Physical Geology
- GEOL 1402      Historical Geology
- PHYS 1401      General Physics I
- PHYS 1402      General Physics II
- MATH 1401      Calculus I
- MATH 2330      Elementary Statistics and Probability
- ENSC 3400      Environmental Science and Public Policy
- ENSC 3401      Environmental Regulations and Impact Analysis

Required electives: select a minimum of 21 hours from the following list of courses

- BIOL 2305      Environmental Biology
- BIOL 3409      Ecology
- BIOL 4403      Introduction to Remote Sensing Technology
- BIOL 4416      Environmental Toxicology
- CHEM 2101      Analytical Chemistry Lab
- CHEM 2301      Analytical Chemistry
- CHEM 4104      Instrumental Analysis Lab
- CHEM 4304      Instrumental Analysis
- CHEM 4401      Environmental Chemistry
- GEOL 3308      Introduction to Geographic Information Systems
- GEOL 4302      Environmental Geology
- GEOL 4408      Application of Geographic Information Systems

In order to meet some prerequisites for the required electives, the following courses may also be needed (as free electives):

- CHEM 2302, 2102      Organic Chemistry I/Organic Chemistry Lab I
- CHEM 2303/2103      Organic Chemistry II/Organic Chemistry Lab II
- or
- CHEM 3303/3103      Biochemistry I/Biochemistry Lab I
- BIOL 3412      Cell Biology