
Environmental Sciences

This interdisciplinary major combines aspects of the physical and natural sciences, and provides a foundation for those who are interested in working in an environmental laboratory or pursuing fieldwork in biology or chemistry.

REQUIREMENTS FOR A MAJOR IN ENVIRONMENTAL SCIENCES –
39 hours including the following:

			<i>Hours</i>
BIO	141	Principles of Biology I	4
BIO	142	Principles of Biology II	4
BIO	241W	Botany <i>or</i> BIO 242W Zoology	4
BIO	300	Ecology	4
BIO	320W	Bacteriology and Virology	4



CHM	131	General Chemistry I	4
CHM	132	General Chemistry II	4
CHM	250	Quantitative Analysis	4
CHM	350W	Environmental Chemistry	3
PHS	111	Earth Science	4
TOTAL:			39 hours
<i>Plus required supporting courses:</i>			
MAT	260	Statistics	3
S&M	200	Methods of Science and Critical Thinking	2

REQUIREMENTS FOR A SCIENCE MAJOR (ENVIRONMENTAL SCIENCES DESIGNATION) WITH TEACHER CERTIFICATION -

(1) 41 hours of coursework including the following:

BIO	141W	Principles of Biology I	4
BIO	142W	Principles of Biology II	4
BIO	300W	Ecology	4
CHM	131	General Chemistry I	4
CHM	132	General Chemistry II	4
CHM	250	Quantitative Analysis	4
CHM	350W	Environmental Chemistry	3
PHS	110	Introduction to Physical Science	4
PHS	111	Introduction to Earth Science	4
PHS	112	Introduction to Astronomy	4
S&M	200W	Methods of Science and Critical Thinking	2
TOTAL:			41 hours

Plus the following supplemental courses:

MAT	121	Precalculus	4
MAT	260	Statistics	3

(2) Plus Professional Education Course Requirements. (For a list of these courses, please refer to the Education section of the catalog concerning requirements for certification in Secondary Education.)

(3) To qualify for Student Teaching, a student must have an overall 2.50 GPA and a 2.75 GPA in the Science major outlined above.