

# Environmental Science Major

Code	Title	Credits
<b>Supporting Courses</b>		<b>36</b>
BIOLOGY 201 & BIOLOGY 202	Principles of Biology: Cellular and Molecular Processes and Principles of Biology Lab: Cellular and Molecular Processes	
BIOLOGY 203 & BIOLOGY 204	Principles of Biology: Organisms, Ecology, and Evolution and Principles of Biology Lab: Organisms, Ecology, and Evolution	
CHEM 211 & CHEM 213	Principles of Chemistry I and Principles of Chemistry I Laboratory	
CHEM 212 & CHEM 214	Principles of Chemistry II and Principles of Chemistry II Laboratory	
ENV SCI 102	Introduction to Environmental Sciences	
GEOSCI 202	Physical Geology	
MATH 260	Introductory Statistics	
POL SCI 101	American Government and Politics	
or POL SCI 202	Introduction to Public Policy	
or PU EN AF 202	Introduction to Public Policy	
<b>Mathematics (choose one of the following courses):</b>		
MATH 104	Elementary Functions: Algebra and Trigonometry	
MATH 202	Calculus and Analytic Geometry I	
MATH 203	Calculus and Analytic Geometry II	
<b>Upper-Level Courses <sup>1</sup></b>		<b>34</b>
ENV SCI 302	Principles of Ecology	
ENV SCI/ET 305	Environmental Systems	
ENV SCI/ET 336	Environmental Statistics	
ENV SCI 337	Environmental GIS	
ENV SCI 338	Environmental Modeling	
ENV SCI 339	Scientific Writing	
ENV SCI 467	Capstone in Environmental Science	
<b>Choose one of the following courses:</b>		
ENV SCI 303	Environmental Sustainability	
ENV SCI 460	Resource Management Strategy	
PU EN AF 301/POL SCI 301	Environmental Politics and Policy	
PU EN AF 378	Environmental Law	
<b>Elective Courses (choose 9 credits):</b>		
ENV SCI 301	Radioactivity: Past, Present, and Future	
ENV SCI 303	Environmental Sustainability	
ENV SCI 318	Pollution Control	
ENV SCI/ET 320	The Soil Environment	
ENV SCI/ET 323	Pollution Prevention	
ENV SCI/GEOG 325	Regional Climatology	
ENV SCI/ET 330	Hydrology	
ENV SCI 335/ET 331	Water and Waste Water Treatment	
ENV SCI/ET/PHYSICS 415	Solar and Alternate Energy Systems	
ENV SCI/GEOG 421	Geoscience Field Trip	
ENV SCI/GEOSCI 425	Global Climate Change	
ENV SCI/ET/GEOSCI 432	Hydrogeology	
ENV SCI 460	Resource Management Strategy	
ENV SCI 469	Conservation Biology	
ENV SCI 491	Senior Thesis/Research in Environmental Science	

- <sup>1</sup> Students intending to pursue graduate study should include additional course work of at least one year of calculus, at least one year of physics, and upper-level courses in organic chemistry.