## **Environmental Science Major**

## **Area of Emphasis**

Students must complete requirements in one of the following areas of emphasis:

- Environmental Science
  - Environmental Science (Accelerated) Integrated with graduate Environmental Science & Policy program

## General

Code	Title	Credits
Supporting Courses		36
BIOLOGY 201	Principles of Biology: Cellular and Molecular Processes	
BIOLOGY 202	Principles of Biology Lab: Cellular and Molecular Processes	
BIOLOGY 203	Principles of Biology: Organisms and Evolution	
BIOLOGY 204	Principles of Biology Lab: Organisms and Evolution	
CHEM 211	Principles of Chemistry I	
CHEM 212	Principles of Chemistry II	
CHEM 213	Principles of Chemistry I Laboratory	
CHEM 214	Principles of Chemistry II Laboratory	
ENV SCI 102	Introduction to Environmental Sciences	
GEOG 250	Introduction to Geographic Information Systems (GIS)	
GEOSCI 202	Physical Geology	
MATH 260	Introductory Statistics	
Mathematics (choose one of the	he following courses):	
MATH 104	Precalculus	
MATH 202	Calculus and Analytic Geometry I	
MATH 203	Calculus and Analytic Geometry II	
Upper-Level Courses <sup>1</sup>		29
BIOLOGY 306	Principles of Ecology	
ENV SCI 305	Environmental Fate and Transport	
ENV SCI 336	Environmental Statistics	
ENV SCI 338	Environmental Modeling	
ENV SCI 339	Scientific Writing	
ENV SCI 467	Capstone in Environmental Science	
Elective Courses (choose 9 ac	dditional credits; no more than 6 credits from ENV SCI 497, 498, 499)):	
any 300-level ENV SCI course		
any 400-level ENV SCI course		
BIOLOGY 310	Plant Biodiversity	
BIOLOGY 320	Field Botany	
BIOLOGY 322	Environmental Microbiology	
BIOLOGY 357	Marine Biology	
BIOLOGY 401	Fish and Wildlife Population Dynamics	
BIOLOGY 449	Wetland Ecology	
BIOLOGY 450	Ecological Restoration	
BIOLOGY 469	Conservation Biology	
BIOLOGY 499	Travel Course	
ET 424	Hazardous and Toxic Materials	
ET 464	Atmospheric Pollution and Abatement	
GEOSCI 325	Regional Climatology	
GEOSCI 402	Sedimentology & Stratigraphy	
GEOSCI 421	Geoscience Field Trip	

WATER 444	Aqueous Geochemistry
WATER 321	Stable Isotopes in the Environment
or PUB ADM 301	Environmental Politics and Policy
POL SCI 378	Environmental Law
GEOSCI 470	Glacial Geology & Landscapes
GEOSCI 432	Hydrogeology

Total Credits 65

## **Environmental Science (Accelerated) - Integrated with graduate Environmental Science & Policy program**

Supporting Courses BIOLOGY 201 Principles of Biology: Cellular and Molecular Processes BIOLOGY 202 Principles of Biology: Cellular and Molecular Processes BIOLOGY 203 Principles of Biology: Abt: Cellular and Molecular Processes BIOLOGY 203 Principles of Biology: Corganisms and Evolution BIOLOGY 204 Principles of Biology: Abt: Organisms and Evolution CHEM 211 Principles of Chemistry II CHEM 212 Principles of Chemistry II CHEM 213 Principles of Chemistry II Laboratory CHEM 214 Principles of Chemistry II Laboratory CHEM 214 Principles of Chemistry II Laboratory ENV SCI 102 Introduction to Environmental Sciences GEOG 250 Introduction to Geographic Information Systems (GIS) GEOSCI 202 Prysical Geology MATH 260 Introductory Statistics MATH 261 August 20 Calculus and Analytic Geometry II MATH 262 Calculus and Analytic Geometry II MATH 263 Calculus and Analytic Geometry II MATH 263 Calculus and Analytic Geometry II Upper-Level Courses 1 Environmental Statistics ENV SCI 303/5606 Environmental Fate and Transport 1 ENV SCI 303 Scientific Writing ENV SCI 303 Scientific Writing ENV SCI 303 Scientific Writing ENV SCI 303 Environmental Fate and Transport 1 ENV SCI 304 Radioactivity. Past, Present, and Future ENV SCI 305/5609 Conservation Biology 1 ENV SCI 305/5609 The Soil Environmental Science Elective Courses (choose 9 credit) ENV SCI 305/5609 The Soil Environmental Science Elective Courses (Choose 9 credit) ENV SCI 305/5609 The Soil Environmental Science Elective Courses (Choose 9 credit) ENV SCI 305/5609 Conservation Biology 1 ENV SCI 305/5609 The Soil Environmental Science Elective Courses (Choose 9 credit) ENV SCI 305/5609 The Soil Environmental Science Elective Courses (Choose 9 credit) ENV SCI 305/5609 The Soil Environmental Science Elective Courses (Choose 9 credit) ENV SCI 407/660 Science Change 1 ENV SCI 407/660 Science Change 1 ENV SCI 407/660 Science Change 1	Code	Title	Credits
BIOLOGY 202 Principles of Biology Lab: Cellular and Molecular Processes BIOLOGY 203 Principles of Biology: Organisms and Evolution BIOLOGY 204 Principles of Biology Lab: Organisms and Evolution CHEM 211 Principles of Chemistry I CHEM 212 Principles of Chemistry I CHEM 213 Principles of Chemistry I Laboratory CHEM 214 Principles of Chemistry I Laboratory CHEM 214 Principles of Chemistry I Laboratory ENV SCI 102 Introduction to Environmental Sciences GEOG 250 Introduction to Geographic Information Systems (GIS) GEOSCI 202 Physical Geology MATH 260 Introduction Statistics Mathematics (choose one of the following courses): MATH 104 Preciculus MATH 202 Calculus and Analytic Geometry I MATH 203 Calculus and Analytic Geometry II Upper-Level Courses 1 BIOLOGY 306 Principles of Ecology ENV SCI 305/505 Environmental Fate and Transport # ENV SCI 338 Environmental Fate and Transport # ENV SCI 339 Scientific Writing ENV SCI 339 Scientific Writing ENV SCI 467 Capstone in Environmental Science Elective Courses (choose 9 credits): BIOLOGY 469/669 Conservation Biology # ENV SCI 303 Environmental Sustainability ENV SCI 304 Radioactivity: Past, Present, and Future ENV SCI 305/505 User and Waste Water Treatment # ENV SCI 307/507 Environmental Sustainability ENV SCI 307/507 Environmental Sustainability ENV SCI 307/507 Environmental Sustainability ENV SCI 407/609 Stream Ecology # ENV SCI 407/609 Stream Ecology # ENV SCI 407/609 Stream Ecology # ENV SCI 425/625 Siobal Climate Change #	Supporting Courses		36
BIOLOGY 203 Principles of Biology: Organisms and Evolution BIOLOGY 204 Principles of Biology Lat: Organisms and Evolution CHEM 211 Principles of Chemistry I CHEM 212 Principles of Chemistry II CHEM 213 Principles of Chemistry II CHEM 213 Principles of Chemistry II Laboratory CHEM 214 Principles of Chemistry II Laboratory CHEM 214 Principles of Chemistry II Laboratory CHEM 215 Principles of Chemistry II Laboratory CHEM 216 Principles of Chemistry II Laboratory CHEM 217 Principles of Chemistry II Laboratory CHEM 218 Principles of Chemistry II Laboratory CHEM 219 Introduction to Geographic Information Systems (GIS) GEOSCI 202 Physical Geology MATH 260 Introduction to Geographic Information Systems (GIS) Mathematics (choose one of the following courses): MATH 104 Precalculus MATH 202 Calculus and Analytic Geometry I MATH 203 Calculus and Analytic Geometry II Upper-Level Courses 1 BIOLOGY 306 Principles of Ecology ENV SCI 305/505 Environmental Fate and Transport # ENV SCI 336 Environmental Statistics ENV SCI 336 Environmental Statistics ENV SCI 339 Scientific Writing ENV SCI 339 Scientific Writing ENV SCI 407 Capstone in Environmental Science Elective Courses (choose 9 credits): BIOLOGY 469/669 Conservation Biology # ENV SCI 301 Radioactivity: Past, Present, and Future ENV SCI 302 Environmental Sustainability ENV SCI 303/535 Water and Waste Water Treatment # ENV SCI 335/535 Water and Waste Water Treatment # ENV SCI 401/601 Stream Ecology # ENV SCI 401/601 Stream Ecology # ENV SCI 401/601 Stream Ecology # ENV SCI 404/604 Hazardous and Toxic Materials # ENV SCI 442/646 Hazardous and Toxic Materials # ENV SCI 442/646 Hazardous and Toxic Materials # ENV SCI 442/645 Solora Alternate Energy Systems # ENV SCI 442/645 Solora Alternate Energy Systems # ENV SCI 442/645 Solora Alternate Energy Systems #	BIOLOGY 201	Principles of Biology: Cellular and Molecular Processes	
BIOLOGY 204 Principles of Biology Lab: Organisms and Evolution CHEM 211 Principles of Chemistry II CHEM 213 Principles of Chemistry II CHEM 213 Principles of Chemistry II CHEM 214 Principles of Chemistry II Laboratory ENV SCI 102 Introduction to Environmental Sciences GEOG 250 Introduction to Geographic Information Systems (GIS) GEOSCI 202 Physical Geology MATH 280 Introductory Statistics Mathematics (choose one of the following courses): MATH 104 Precalculus MATH 202 Calculus and Analytic Geometry I MATH 203 Calculus and Analytic Geometry II Upper-Level Courses 1 BIOLOGY 306 Principles of Ecology ENV SCI 305/505 Environmental Fate and Transport # ENV SCI 338 Environmental Statistics ENV SCI 338 Environmental Modeling ENV SCI 339 Scientific Writing ENV SCI 467 Capstone in Environmental Science Elective Courses (choose 9 credits): BIOLOGY 469/669 Conservation Biology # ENV SCI 301 Radioactivity: Past, Present, and Future ENV SCI 303 Environmental Giervironment ENV SCI 305/505 The Soil Environment Environment ENV SCI 320/505 The Soil Environment Giervironment ENV SCI 330/503 User and Waste Water Treatment # ENV SCI 330/503 Environment Giervironment ENV SCI 337/537 Environment Giervironment ENV SCI 440/601 Stream Ecology # ENV SCI 401/601 Stream Ecology # ENV SCI 440/603 Limnology # ENV SCI 440/603 Limnology # ENV SCI 444664 Hazardous and Toxic Materials # ENV SCI 442/624 Hazardous and Toxic Materials # ENV SCI 442/624 Hazardous and Toxic Materials # ENV SCI 426/625 Global Climate Change #	BIOLOGY 202	Principles of Biology Lab: Cellular and Molecular Processes	
CHEM 211	BIOLOGY 203	Principles of Biology: Organisms and Evolution	
CHEM 212	BIOLOGY 204	Principles of Biology Lab: Organisms and Evolution	
CHEM 213         Principles of Chemistry I Laboratory           CHEM 214         Principles of Chemistry II Laboratory           ENV SCI 102         Introduction to Environmental Sciences           GEOG 250         Introduction to Geographic Information Systems (GIS)           GEOSCI 202         Physical Geology           MATH 260         Introductory Statistics           Mathematics (choose one of the following courses):         MATH 104           MATH 104         Precalculus           MATH 202         Calculus and Analytic Geometry II           Upper-Level Courses **         34           BIOLOGY 306         Principles of Ecology           ENV SCI 305/505         Environmental Statistics           ENV SCI 336         Environmental Statistics           ENV SCI 338         Environmental Modeling           ENV SCI 339         Scientific Writing           ENV SCI 467         Capstone in Environmental Science           Elective Courses (choose 9 credits):           BIOLOGY 469/669         Conservation Biology **           ENV SCI 301         Radioactivity: Past, Present, and Future           ENV SCI 320/520         The Soil Environmental Sustainability           ENV SCI 320/520         The Soil Environmental Gls **           ENV SCI 333/535         Water and Waste Water T	CHEM 211	Principles of Chemistry I	
CHEM 214	CHEM 212	Principles of Chemistry II	
ENV SCI 102 Introduction to Environmental Sciences GEOG 250 Introduction to Geographic Information Systems (GIS) GEOSCI 202 Physical Geology MATH 260 Introductory Statistics Mathematics (choose one of the following courses): MATH 104 Precalculus MATH 202 Calculus and Analytic Geometry I MATH 203 Calculus and Analytic Geometry II Upper-Level Courses   BIOLOGY 306 Principles of Ecology ENV SCI 305/505 Environmental Fate and Transport  ENV SCI 336 Environmental Statistics ENV SCI 338 Environmental Modeling ENV SCI 339 Scientific Writing ENV SCI 339 Scientific Writing ENV SCI 467 Capstone in Environmental Science Elective Courses (choose 9 credits): BIOLOGY 469/669 Conservation Biology  ENV SCI 3001 Radioactivity: Past, Present, and Future ENV SCI 303 Environmental Sustainability ENV SCI 320/520 The Soil Environment ENV SCI 337/537 Environment ENV SCI 337/537 Environmental GIS  ENV SCI 401/601 Stream Ecology  ENV SCI 424/624 Hazardous and Toxic Materials  ENV SCI 424/625 Global Climate Change  ENV SCI 425/625	CHEM 213	Principles of Chemistry I Laboratory	
GEOG 250 Introduction to Geographic Information Systems (GIS) GEOSCI 202 Physical Geology MATH 260 Introductory Statistics  Mathematics (choose one of the following courses): MATH 104 Precalculus MATH 202 Calculus and Analytic Geometry I MATH 203 Calculus and Analytic Geometry II Upper-Level Courses 1 Salous School Principles of Ecology ENV SCI 305/505 Environmental Fate and Transport 4 ENV SCI 336 Environmental Statistics ENV SCI 338 Environmental Modeling ENV SCI 339 Scientific Writing ENV SCI 467 Capstone in Environmental Science Elective Courses (choose 9 credits): BIOLOGY 469/669 Conservation Biology 4 ENV SCI 301 Radioactivity: Past, Present, and Future ENV SCI 303 Environmental Sustainability ENV SCI 300 Environmental Sustainability ENV SCI 301 Radioactivity: Past, Present, and Future ENV SCI 303 Environmental Sustainability ENV SCI 303 Environmental Sustainability ENV SCI 304 SCI 337/S37 Environmental GIS 5 ENV SCI 337/S37 Environmental GIS 5 ENV SCI 401/601 Stream Ecology 6 ENV SCI 401/601 Stream Ecology 7 ENV SCI 401/601 Stream Ecology 7 ENV SCI 425/625 Global Climate Change 6 ENV SCI 425/625 Global Climate Change 6	CHEM 214	Principles of Chemistry II Laboratory	
GEOSCI 202 Physical Geology MATH 260 Introductory Statistics Mathematics (choose one of the following courses): MATH 104 Precalculus MATH 202 Calculus and Analytic Geometry I MATH 203 Calculus and Analytic Geometry II Upper-Level Courses  BIOLOGY 306 Principles of Ecology ENV SCI 3305/505 Environmental Fate and Transport  ENV SCI 336 Environmental Statistics ENV SCI 338 Environmental Modeling ENV SCI 339 Scientific Writing ENV SCI 467 Capstone in Environmental Science Elective Courses (choose 9 credits): BIOLOGY 469/669 Conservation Biology  ENV SCI 301 Radioactivity: Past, Present, and Future ENV SCI 303 Environmental Sustainability ENV SCI 320/520 The Soil Environment ENV SCI 330/ENV SCI 530 Hydrology  ENV SCI 337/S37 Environmental GIS  ENV SCI 337/S37 Environmental GIS  ENV SCI 424/624 Hazardous and Toxic Materials  ENV SCI 425/625 Global Climate Change  ENV SCI 425/625	ENV SCI 102	Introduction to Environmental Sciences	
MATH 260 Introductory Statistics  Mathematics (choose one of the following courses):  MATH 104 Precalculus  MATH 202 Calculus and Analytic Geometry I  MATH 203 Calculus and Analytic Geometry II  Upper-Level Courses   BIOLOGY 306 Principles of Ecology  ENV SCI 305/505 Environmental Fate and Transport  ENV SCI 336 Environmental Statistics  ENV SCI 338 Environmental Modeling  ENV SCI 339 Scientific Writing  ENV SCI 467 Capstone in Environmental Science  Elective Courses (choose 9 credits):  BIOLOGY 469/669 Conservation Biology  ENV SCI 301 Radioactivity: Past, Present, and Future  ENV SCI 303 Environmental Sustainability  ENV SCI 303 Environmental Sustainability  ENV SCI 305/505 The Soil Environment  ENV SCI 307/507 The Soil Environment  ENV SCI 337/537 Environmental GIS  ENV SCI 337/537 Environmental GIS  ENV SCI 401/601 Stream Ecology  ENV SCI 424/624 Hazardous and Toxic Materials  ENV SCI 425/625 Global Climate Change  ENV SCI 425/625	GEOG 250	Introduction to Geographic Information Systems (GIS)	
Mathematics (choose one of the following courses):  MATH 104	GEOSCI 202	Physical Geology	
MATH 104 Precalculus  MATH 202 Calculus and Analytic Geometry I  MATH 203 Calculus and Analytic Geometry II  Upper-Level Courses  BIOLOGY 306 Principles of Ecology  ENV SCI 305/505 Environmental Fate and Transport  ENV SCI 336 Environmental Statistics  ENV SCI 338 Environmental Modeling  ENV SCI 339 Scientific Writing  ENV SCI 339 Scientific Writing  ENV SCI 467 Capstone in Environmental Science  Elective Courses (choose 9 credits):  BIOLOGY 469/669 Conservation Biology  ENV SCI 301 Radioactivity: Past, Present, and Future  ENV SCI 303 Environmental Sustainability  ENV SCI 320/520 The Soil Environment  ENV SCI 320/520 The Soil Environment  ENV SCI 333/535 Water and Waste Water Treatment  ENV SCI 337/537 Environmental GIS  ENV SCI 403/603 Limnology  ENV SCI 403/603 Limnology  ENV SCI 415/ENV SCI 615 Solar and Alternate Energy Systems  ENV SCI 424/624 Hazardous and Toxic Materials  ENV SCI 424/625 Global Climate Change  ENV SCI 425/625 Global Climate Change  ENV SCI 425/625	MATH 260	Introductory Statistics	
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MATH 203 Calculus and Analytic Geometry II  Upper-Level Courses   BIOLOGY 306 Principles of Ecology  ENV SCI 305/505 Environmental Fate and Transport  ENV SCI 336 Environmental Statistics  ENV SCI 338 Environmental Modeling  ENV SCI 339 Scientific Writing  ENV SCI 467 Capstone in Environmental Science  Elective Courses (choose 9 credits):  BIOLOGY 469/669 Conservation Biology  ENV SCI 301 Radioactivity: Past, Present, and Future  ENV SCI 303 Environmental Sustainability  ENV SCI 303 Environmental Sustainability  ENV SCI 320/520 The Soil Environment  ENV SCI 330/ENV SCI 530 Hydrology  ENV SCI 337/535 Water and Waste Water Treatment  ENV SCI 337/537 Environmental GIS  ENV SCI 401/601 Stream Ecology  ENV SCI 403/603 Limnology  ENV SCI 415/ENV SCI 615 Solar and Alternate Energy Systems  ENV SCI 424/624 Hazardous and Toxic Materials  ENV SCI 425/625 Global Climate Change   # ENV SCI 425/625  Global Climate Change  #	MATH 104	Precalculus	
BIOLOGY 306 Principles of Ecology  ENV SCI 305/505 Environmental Fate and Transport # ENV SCI 336 Environmental Statistics ENV SCI 338 Environmental Modeling ENV SCI 339 Scientific Writing ENV SCI 467 Capstone in Environmental Science  Elective Courses (choose 9 credits): BIOLOGY 469/669 Conservation Biology # ENV SCI 301 Radioactivity: Past, Present, and Future ENV SCI 303 Environmental Sustainability ENV SCI 303 Environmental Sustainability ENV SCI 320/520 The Soil Environment ENV SCI 335/535 Water and Waste Water Treatment # ENV SCI 337/537 Environmental GIS # ENV SCI 401/601 Stream Ecology # ENV SCI 403/603 Limnology # ENV SCI 403/603 Limnology # ENV SCI 424/624 Hazardous and Toxic Materials # ENV SCI 424/624 Hazardous and Toxic Materials # ENV SCI 425/625 Global Climate Change #	MATH 202	Calculus and Analytic Geometry I	
BIOLOGY 306 Principles of Ecology  ENV SCI 305/505 Environmental Fate and Transport #  ENV SCI 336 Environmental Statistics  ENV SCI 338 Environmental Modeling  ENV SCI 339 Scientific Writing  ENV SCI 467 Capstone in Environmental Science  Elective Courses (choose 9 credits):  BIOLOGY 469/669 Conservation Biology #  ENV SCI 301 Radioactivity: Past, Present, and Future  ENV SCI 303 Environmental Sustainability  ENV SCI 320/520 The Soil Environment  ENV SCI/ET 330/ENV SCI 530 Hydrology #  ENV SCI 335/535 Water and Waste Water Treatment #  ENV SCI 337/537 Environmental GIS #  ENV SCI 401/601 Stream Ecology #  ENV SCI 403/603 Limnology #  ENV SCI 403/603 Limnology #  ENV SCI/ET 415/ENV SCI 615 Solar and Alternate Energy Systems #  ENV SCI 424/624 Hazardous and Toxic Materials #  ENV SCI 425/625 Global Climate Change #	MATH 203	Calculus and Analytic Geometry II	
ENV SCI 305/505 Environmental Fate and Transport #  ENV SCI 336 Environmental Statistics  ENV SCI 338 Environmental Modeling  ENV SCI 339 Scientific Writing  ENV SCI 467 Capstone in Environmental Science  Elective Courses (choose 9 credits):  BIOLOGY 469/669 Conservation Biology #  ENV SCI 301 Radioactivity: Past, Present, and Future  ENV SCI 303 Environmental Sustainability  ENV SCI 320/520 The Soil Environment  ENV SCI/ET 330/ENV SCI 530 Hydrology #  ENV SCI 335/535 Water and Waste Water Treatment #  ENV SCI 337/537 Environmental GIS #  ENV SCI 401/601 Stream Ecology #  ENV SCI 403/603 Limnology #  ENV SCI/ET 415/ENV SCI 615 Solar and Alternate Energy Systems #  ENV SCI 424/624 Hazardous and Toxic Materials #  ENV SCI 425/625 Global Climate Change #	Upper-Level Courses <sup>1</sup>		34
ENV SCI 336 Environmental Statistics  ENV SCI 338 Environmental Modeling  ENV SCI 339 Scientific Writing  ENV SCI 467 Capstone in Environmental Science  Elective Courses (choose 9 credits):  BIOLOGY 469/669 Conservation Biology #  ENV SCI 301 Radioactivity: Past, Present, and Future  ENV SCI 303 Environmental Sustainability  ENV SCI 320/520 The Soil Environment  ENV SCI/ET 330/ENV SCI 530 Hydrology #  ENV SCI 335/535 Water and Waste Water Treatment #  ENV SCI 337/537 Environmental GIS #  ENV SCI 401/601 Stream Ecology #  ENV SCI 403/603 Limnology #  ENV SCI/ET 415/ENV SCI 615 Solar and Alternate Energy Systems #  ENV SCI 424/624 Hazardous and Toxic Materials #  ENV SCI 425/625 Global Climate Change #	BIOLOGY 306	Principles of Ecology	
ENV SCI 338 Environmental Modeling  ENV SCI 339 Scientific Writing  ENV SCI 467 Capstone in Environmental Science  Elective Courses (choose 9 credits):  BIOLOGY 469/669 Conservation Biology #  ENV SCI 301 Radioactivity: Past, Present, and Future  ENV SCI 303 Environmental Sustainability  ENV SCI 320/520 The Soil Environment  ENV SCI/ET 330/ENV SCI 530 Hydrology #  ENV SCI 335/535 Water and Waste Water Treatment #  ENV SCI 337/537 Environmental GIS #  ENV SCI 401/601 Stream Ecology #  ENV SCI 403/603 Limnology #  ENV SCI/ET 415/ENV SCI 615 Solar and Alternate Energy Systems #  ENV SCI 424/624 Hazardous and Toxic Materials #  ENV SCI 425/625 Global Climate Change #	ENV SCI 305/505	Environmental Fate and Transport #	
ENV SCI 339 Scientific Writing ENV SCI 467 Capstone in Environmental Science  Elective Courses (choose 9 credits):  BIOLOGY 469/669 Conservation Biology #  ENV SCI 301 Radioactivity: Past, Present, and Future  ENV SCI 303 Environmental Sustainability  ENV SCI 320/520 The Soil Environment  ENV SCI/ET 330/ENV SCI 530 Hydrology #  ENV SCI 335/535 Water and Waste Water Treatment #  ENV SCI 337/537 Environmental GIS #  ENV SCI 401/601 Stream Ecology #  ENV SCI 403/603 Limnology #  ENV SCI/ET 415/ENV SCI 615 Solar and Alternate Energy Systems #  ENV SCI 424/624 Hazardous and Toxic Materials #  ENV SCI 425/625 Global Climate Change #	ENV SCI 336	Environmental Statistics	
ENV SCI 467 Capstone in Environmental Science  Elective Courses (choose 9 credits):  BIOLOGY 469/669 Conservation Biology #  ENV SCI 301 Radioactivity: Past, Present, and Future  ENV SCI 303 Environmental Sustainability  ENV SCI 320/520 The Soil Environment  ENV SCI/ET 330/ENV SCI 530 Hydrology #  ENV SCI 335/535 Water and Waste Water Treatment #  ENV SCI 337/537 Environmental GIS #  ENV SCI 401/601 Stream Ecology #  ENV SCI 403/603 Limnology #  ENV SCI 403/603 Limnology #  ENV SCI/ET 415/ENV SCI 615 Solar and Alternate Energy Systems #  ENV SCI 424/624 Hazardous and Toxic Materials #  ENV SCI 425/625 Global Climate Change #	ENV SCI 338	Environmental Modeling	
Elective Courses (choose 9 credits):  BIOLOGY 469/669	ENV SCI 339	Scientific Writing	
BIOLOGY 469/669 Conservation Biology #  ENV SCI 301 Radioactivity: Past, Present, and Future  ENV SCI 303 Environmental Sustainability  ENV SCI 320/520 The Soil Environment  ENV SCI/ET 330/ENV SCI 530 Hydrology #  ENV SCI 335/535 Water and Waste Water Treatment #  ENV SCI 337/537 Environmental GIS #  ENV SCI 401/601 Stream Ecology #  ENV SCI 403/603 Limnology #  ENV SCI/ET 415/ENV SCI 615 Solar and Alternate Energy Systems #  ENV SCI 424/624 Hazardous and Toxic Materials #  ENV SCI 425/625 Global Climate Change #	ENV SCI 467	Capstone in Environmental Science	
ENV SCI 301 Radioactivity: Past, Present, and Future  ENV SCI 303 Environmental Sustainability  ENV SCI 320/520 The Soil Environment  ENV SCI/ET 330/ENV SCI 530 Hydrology #  ENV SCI 335/535 Water and Waste Water Treatment #  ENV SCI 337/537 Environmental GIS #  ENV SCI 401/601 Stream Ecology #  ENV SCI 403/603 Limnology #  ENV SCI/ET 415/ENV SCI 615 Solar and Alternate Energy Systems #  ENV SCI 424/624 Hazardous and Toxic Materials #  ENV SCI 425/625 Global Climate Change #	Elective Courses (choose 9 cre	edits):	
ENV SCI 303 Environmental Sustainability  ENV SCI 320/520 The Soil Environment  ENV SCI/ET 330/ENV SCI 530 Hydrology #  ENV SCI 335/535 Water and Waste Water Treatment #  ENV SCI 337/537 Environmental GIS #  ENV SCI 401/601 Stream Ecology #  ENV SCI 403/603 Limnology #  ENV SCI/ET 415/ENV SCI 615 Solar and Alternate Energy Systems #  ENV SCI 424/624 Hazardous and Toxic Materials #  ENV SCI 425/625 Global Climate Change #	BIOLOGY 469/669	Conservation Biology #	
ENV SCI 320/520 The Soil Environment  ENV SCI/ET 330/ENV SCI 530 Hydrology #  ENV SCI 335/535 Water and Waste Water Treatment #  ENV SCI 337/537 Environmental GIS #  ENV SCI 401/601 Stream Ecology #  ENV SCI 403/603 Limnology #  ENV SCI/ET 415/ENV SCI 615 Solar and Alternate Energy Systems #  ENV SCI 424/624 Hazardous and Toxic Materials #  ENV SCI 425/625 Global Climate Change #	ENV SCI 301	Radioactivity: Past, Present, and Future	
ENV SCI/ET 330/ENV SCI 530 Hydrology #  ENV SCI 335/535 Water and Waste Water Treatment #  ENV SCI 337/537 Environmental GIS #  ENV SCI 401/601 Stream Ecology #  ENV SCI 403/603 Limnology #  ENV SCI/ET 415/ENV SCI 615 Solar and Alternate Energy Systems #  ENV SCI 424/624 Hazardous and Toxic Materials #  ENV SCI 425/625 Global Climate Change #	ENV SCI 303	Environmental Sustainability	
ENV SCI 335/535 Water and Waste Water Treatment *  ENV SCI 337/537 Environmental GIS *  ENV SCI 401/601 Stream Ecology *  ENV SCI 403/603 Limnology *  ENV SCI/ET 415/ENV SCI 615 Solar and Alternate Energy Systems *  ENV SCI 424/624 Hazardous and Toxic Materials *  ENV SCI 425/625 Global Climate Change *	ENV SCI 320/520		
ENV SCI 337/537 Environmental GIS #  ENV SCI 401/601 Stream Ecology #  ENV SCI 403/603 Limnology #  ENV SCI/ET 415/ENV SCI 615 Solar and Alternate Energy Systems #  ENV SCI 424/624 Hazardous and Toxic Materials #  ENV SCI 425/625 Global Climate Change #	ENV SCI/ET 330/ENV SCI 530	Hydrology <sup>#</sup>	
ENV SCI 401/601 Stream Ecology #  ENV SCI 403/603 Limnology #  ENV SCI/ET 415/ENV SCI 615 Solar and Alternate Energy Systems #  ENV SCI 424/624 Hazardous and Toxic Materials #  ENV SCI 425/625 Global Climate Change #	ENV SCI 335/535	Water and Waste Water Treatment #	
ENV SCI 403/603 Limnology <sup>#</sup> ENV SCI/ET 415/ENV SCI 615 Solar and Alternate Energy Systems <sup>#</sup> ENV SCI 424/624 Hazardous and Toxic Materials <sup>#</sup> ENV SCI 425/625 Global Climate Change <sup>#</sup>	ENV SCI 337/537		
ENV SCI/ET 415/ENV SCI 615 Solar and Alternate Energy Systems <sup>#</sup> ENV SCI 424/624 Hazardous and Toxic Materials <sup>#</sup> ENV SCI 425/625 Global Climate Change <sup>#</sup>	ENV SCI 401/601	Stream Ecology #	
ENV SCI 424/624 Hazardous and Toxic Materials <sup>#</sup> ENV SCI 425/625 Global Climate Change <sup>#</sup>	ENV SCI 403/603		
ENV SCI 425/625 Global Climate Change #	ENV SCI/ET 415/ENV SCI 615		
ii .	ENV SCI 424/624		
ENV SCI 433/633 Ground Water: Resources and Regulations #	ENV SCI 425/625	· · · · · · · · · · · · · · · · · · ·	
	ENV SCI 433/633	Ground Water: Resources and Regulations #	

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.

ENV SCI 460/660	Resource Management Strategy #
ENV SCI 464/664	Atmospheric Pollution and Abatement #
ENV SCI 491	Senior Thesis/Research in Environmental Science
ENV SCI 492	Practicum in Environmental Science
BIOLOGY 310/510	Plant Biodiversity
BIOLOGY 320/520	Field Botany
BIOLOGY 322/522	Environmental Microbiology
BIOLOGY 357/557	Marine Biology
BIOLOGY 401/601	Fish and Wildlife Population Dynamics
BIOLOGY 449/649	Wetland Ecology
BIOLOGY 450/650	Ecological Restoration
GEOSCI 402/696	Sedimentology & Stratigraphy
GEOSCI 421/621	Geoscience Field Trip #
GEOSCI 432/632	Hydrogeology
GEOSCI 470/670	Glacial Geology & Landscapes
WATER 444/644	Aqueous Geochemistry

Total Credits 70

<sup>#</sup> Students must be granted permission through the department to enroll in graduate level coursework. For more information, contact the Education office or refer to the graduate catalog (http://catalog.uwgb.edu/graduate/general-information/academic-rules-regulations/undergrad-in-accelerated/).