

Biology Major Environmental Biology Option

Major Core Requirements	
BI 111 (4) Principles of Biology	_____
BI 112 (4) Principles of Biology	_____
BI 200W (2) Biological Literature	_____
BI 306 (4) Genetics	_____
BI 307 (4) Microbiology	_____
BI 312 (3) Evolution	_____
BI 375 (4) Cell Biology	_____
BI 435 (3) Biostatistics	_____
BI 498 (1) Senior Assessment Seminar	_____
Organismal Biology (Plants)	
BI 362 (4) Nonvascular Plants or	_____
BI 363 (4) Vascular Plants	_____
BI 463 (3) Plant Taxonomy	_____
Organismal Biology (Animals)	
BI 311 (4) Animal Physiology	_____
BI 340 (4) Invertebrate Zoology	_____
BI 341 (4) Natural History of the Vertebrates or	_____
BI 453 (4) Southeastern Fishes or	_____
BI 499 Special Topics in Biology	_____
Population Biology	
BI 421 (4) Ecology	_____
Select at least 4 hours from:	
BI 406 (4) Microbial Ecology & Evolution	_____
BI 412 (4) Marine Ecology (at DISL)	_____
BI 419 (2) Tropical Ecology & BI 420 (2) Field Experience	_____
BI 423 (4) Aquatic Ecology	_____

Required Supporting Courses:	
CH 111 (3), 111L (1) General Chemistry I	_____
CH 112 (3), 112L (1) General Chemistry II	_____
OHS 465 (3) Environmental Regulations	_____
CIS 125 (3) Business Software Applications or	_____
CS 135 (3) Computer Skills for Problem-Solving	_____
ES 131 (4) Earth Science/Physical Geology	_____
ES 301 (3) Water Resources	_____
Select one or more from the following:	
MA 112 (3) College Algebra	_____
MA 113 (3) College Trigonometry	_____
MA 115 (3) Pre-calculus Algebra & Trigonometry	_____
MA 125 (4) Calculus I	_____

****See back for more degree requirements****

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Choose **one** block of courses

Environmental GIS Certificate (9 hours)	
GE 384 (3) Geographic Information Systems	_____
GE 487 (3) Geography Capstone Project	_____
Select one course from:	
GE 474 (3) Web GIS	_____
GE 484 (3) Advanced GIS	_____
GE 485 (3) GIS Applications	_____

OR

Earth Science (9 hours)	
At least 9 hours from the following:	
ES 302 (3) Energy	_____
ES 303 (3) Sustainable Food & Agriculture	_____
ES 320W (3) Environmental Justice	_____
ES 410 (3) Tectonics	_____
ES 455W (4) Paleobiology	_____
ES 481 (3-4) Topics in Earth Science	_____

OR

Micro-credential in Public Relations for Nonprofits (9 hrs.)	
COM 390 (3) Public Relations Writing	_____
COM 375 (3) Crisis Mgmt. & Comm. Relations	_____
COM 243 (3) Aural-Visual Production or	
COM 410 (3) Layout and Design I	_____

OR

Micro-credential in Media Writing (9 hours)	
COM 215 (3) Media Writing	_____
COM 356 (3) Advanced Reporting	_____
COM 386 (3) Copy Editing or	
COM 370 (3) Feature Writing	_____

OR

Micro-credential in Hospitality & Event Mgmt. (9 hrs.)	
HEM 202 (3) Lodging Systems	_____
HEM 308 (3) Food and Beverage Operations Mgmt.	_____
Choose one from the following:	
HEM 203 (3) Sustainability in Hotel, Restaurant & Event Operations	_____
HEM 306 (3) Convention, Meetings & Trade Show Management	_____
CAM 335 (3) Event Planning & Management	_____

OR

Marine Science (11 hours)	
To be completed through the DISL Spring Seamester	
BI 343 (4) Marine Geology	_____
BI 405 (4) Advanced Marine Technical Methods	_____
BI 426 (3) Experimental Oceanography	_____
<i>Must take BI 412 (4) Marine Ecology as a Population Biology elective</i>	