

Biology Major – Environmental Biology Option

Major Core Requirements

BI 111 (4) Principles of Biology	_____
BI 112 (4) Principles of Biology	_____
BI 200W (1) Biological Literature	_____
BI 305 (4) Cell Biology	_____
BI 306 (4) Genetics	_____
BI 307 (4) Microbiology	_____
BI 498 (1) Senior Assessment Seminar	_____

Organismal Biology (Protistans, Fungi, Plants):

BI 463 (3) Plant Taxonomy	_____
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Organismal Biology (Protistans, Animals):

BI 311 (4) Animal Physiology	_____
BI 341 (4) Natural History of the Vertebrates or	
BI 453 (4) Ichthyology	_____

Population Biology

BI 421 (4) Ecology	_____
BI 423 (4) Aquatic Ecology	_____

Required Supporting Courses

CH 111 (3), 111L (1) General Chemistry	_____
CH 112 (3), 112L (1) General Chemistry	_____
CH 311(4), 311L (1) Organic Chemistry I	_____
CH 321 (3), 321LW (2) Quantitative Analysis or	
CH 322 (3), 322LW (2) Instrumental Analysis	_____
CH 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 488 (3) Hydrogeology	_____

Required Supporting Courses continued

Select one or more from the following:

MA 112 (3) College Algebra	
MA 113 (3) College Trigonometry	
MA 115 (4) Pre-calculus Algebra & Trigonometry	
MA 125 (4) Calculus I	_____
MA 345 (3) Applied Statistics I or	
BI 333 (3) Biostatistics	_____

Choose one block of courses from either Environmental GIS Certificate or Earth Science classes :

Environmental GIS

GE 384 (4) 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

ES 330 (3) Meteorology	_____
ES 375 (3) Technology and the Environment	_____
ES 431 (4) Structural Geology	_____
ES 445 (4) Mineralogy	_____

Additional Graduation Requirements

General Education components completed?	_____
Overall UNA GPA minimum of 2.0	_____
Major GPA minimum of 2.0?	_____
Minimum 120 hours for graduation?	_____
Minimum of 30 hours from UNA?	_____
Minimum of 36 hours at 300-400 level?	_____
Minimum of 60 hours at four-year institution?	_____
Applied for Graduation?	_____