

Biology Major – Environmental Biology Option 2022

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 362 (4) Nonvascular Plants or	
BI 363 (4) Vascular Plants	_____
BI 463 (3) Plant Taxonomy	_____

Organismal Biology (Protistans, 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 (4) Mammalogy	_____

Population Biology

BI 312 (3) Evolution	_____
BI 421 (4) Ecology	_____
BI 406 Microbial Ecology & Evolution or	
423 (4) Aquatic Ecology	_____

Required Supporting Courses

CH 111 (3), 111L (1) General Chemistry	_____
CH 112 (3), 112L (1) General Chemistry	_____
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	_____

See back for more degree requirements

Choose **one** block of courses

Environmental GIS Certificate (9 hours)

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 (9 hours)

ES 348 (4) Sustainable Resources _____
ES 482 (3) Environmental Justice _____

Select **one** course from :

ES 330 (3) Meteorology _____
ES 431 (4) Structural Geology _____
ES 455W Paleobiology _____

OR

Microcredential in Public Relations for Nonprofits (9 hours)

COM 390 (3) Public Relations Writing _____
COM 475 (3) Crisis Mgmt. & Comm. Relations _____
COM 243 (3) Aural-Visual Production **or** _____
COM 410 (3) Layout and Design I _____

OR

Microcredential 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

Microcredential in Hospitality & Event Management (9 hrs.)

HEM 202 Lodging Systems _____
HEM 308 Food and Beverage Operations Mgmt. _____

Choose **one** from below :

HEM 203 Sustainability in Hotel, Restaurant & Event Op.
HEM 306 Convention, Meetings & Trade Show Mgmt.
CAM 335 (3) Event Planning & Management _____

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? _____