

Biology Major General 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 _____
Population Biology
One course selected from the following:
BI 411 (4) Coastal Wetlands Ecology (at DISL) _____
BI 412 (4) Marine Ecology (at DISL) _____
BI 413 (4) Marine Behavioral Ecology (at DISL) _____
BI 419 (2) Tropical Ecology & BI 420 (2) Field Experience _____
BI 421 (4) Ecology _____
BI 423 (4) Aquatic Ecology _____
Organismal Biology (Plants)
One course selected from the following:
BI 362 (4) Nonvascular Plants _____
BI 363 (4) Vascular Plants _____
BI 429 (4) Marine Botany (at DISL) _____
BI 460 (3) Plant Physiology _____
BI 463 (3) Plant Taxonomy _____
Organismal Biology (Animals)
One course selected from the following:
BI 310 (4) Comparative Vertebrate Anatomy _____
BI 311 (4) Animal Physiology _____
BI 340 (4) Invertebrate Zoology _____
BI 341 (4) Natural History of the Vertebrates _____
BI 403 (4) Marine Invertebrate Zoology (at DISL) _____
BI 408 (4) Marine Vertebrate Zoology (at DISL) _____
BI 452 (4) Entomology _____
BI 453 (4) Southeastern Fishes _____

DISL = Dauphin Island Sea Laboratory

Additional 300-/400-level elective
One course selected from the following (not already used to satisfy the above elective category requirements):
BI 308 (4) Marine Biology (at DISL) _____
BI 310 (4) Comparative Vertebrate Anatomy _____
BI 311 (4) Animal Physiology _____
BI 340 (4) Invertebrate Zoology _____
BI 341 (4) Natural History of the Vertebrates _____
BI 362 (4) Nonvascular Plants _____
BI 363 (4) Vascular Plants _____
BI 403 (4) Marine Invertebrate Zoology (at DISL) _____
BI 406 (4) Microbial Ecology & Evolution _____
BI 408 (4) Marine Invertebrate Zoology (at DISL) _____
BI 409 (4) Immunology _____
BI 415 (4) Molecular Biology _____
BI 429 (4) Marine Botany (at DISL) _____
BI 433 (4) Embryology _____
BI 441 (3) Biochemistry _____
BI 452 (4) Entomology _____
BI 453 (4) Southeastern Fishes _____
BI 460 (3) Plant Physiology _____
BI 463 (3) Plant Taxonomy _____
BI 471 (4) Parasitology _____
BI 472 (4) Histology _____
Minor
A minor in another discipline is required.
Required Supporting Courses:
CH 111 (3), 111L (1) General Chemistry I _____
CH 112 (3), 112L (1) General Chemistry II _____
CIS 125 (3) Business Software Applications or
CS 135 (3) Computer Skills for Problem-Solving _____
Select one of the following:
MA 112 (3) College Algebra _____
MA 113 (3) College Trigonometry _____
MA 115 (4) Pre-calculus Algebra & Trigonometry _____
MA 125 (4) Calculus I _____