

Biology Major Professional Biology Option

Major Core Requirements	Ecology elective
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 498 (1) Senior Assessment Seminar _____	BI 421 (4) Ecology or BI 423 (4) Aquatic Ecology _____
Required Supporting Courses:	
Biochemistry CH 311 (3), 311L (1) Organic Chemistry I _____ BI 441 (3) Biochemistry _____	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 _____ MA 345 (3) Applied Statistics I or BI 333 (3) Biostatistics _____
Organismal Biology (Plants) elective	Select the following sequence or course: MA 121 (3) Calculus for Business & Life Sciences I & MA 122 (3) Calculus for Business & Life Sciences II MA 125 (4) Calculus I _____
One course selected from the following: BI 362 (4) Nonvascular Plants _____ BI 363 (4) Vascular Plants _____ BI 460 (3) Plant Physiology _____ BI 463 (3) Plant Taxonomy _____	Select one of the following sequences: PH 241 (4) General Physics I & PH 242 (4) General Physics II PH 251 (5) Technical Physics I & PH 252 (5) Technical Physics II _____
Organismal Biology (Animals) elective	
One course selected from the following: BI 310 (4) Comparative Vertebrate Zoology _____ BI 311 (4) Animal Physiology _____ BI 340 (4) Invertebrate Zoology _____ BI 341 (4) Natural History of the Vertebrates _____ BI 433 (4) Embryology _____ BI 453 (4) Southeastern Fishes _____ BI 471 (4) Parasitology _____	
Cellular & Molecular Biology Elective:	
One course selected from the following: BI 406 (4) Microbial Ecology & Evolution _____ BI 409 (4) Immunology _____ BI 415 (4) Molecular Biology _____ BI 472 (4) Histology _____	