

Ecology, Evolution, and Organismal Biology Major (B.S.) (76 credits total, 38 BIOL credits) A minor is required. A biology minor may not be earned with this major. *Requisites, previous, required in ()*.

Semester	Biology courses	Other required courses
YEAR #1 – FRESHMAN YEAR		
1 st semester	BIOL 181 (MATH 082 or successful placement out of) BIOL 181L (MATH 082 or successful placement out of)	CHEM 111 CHEM 111L ENGL 111
2 nd semester	BIOL 182 (Chem 111 requisite, previous or concurrent) BIOL 182L (Chem 111 requisite, previous or concurrent)	CHEM 112 CHEM 112L MATH 132B GEOG 201 or 202!
YEAR #2 – SOPHOMORE YEAR		
3 rd semester	At least one of: BIOL 211, 212, and/or 213 (BIOL 181 and 182) <i>(These 3 should be completed in your 2nd year)</i>	CHEM 230 CHEM 231 GEOG 340 (Fall only) MATH 140 or 161
4 th semester	At least one of: BIOL 211, 212, and/or 213 (BIOL 181 and 182) BIOL 291 (BIOL 181; MATH 132B or 140 or 161)	PHYS 111 PHYS 111L
YEAR #3 – JUNIOR YEAR		
5 th semester	BIOL 380 (BIOL 182L, 211; MATH 132B or 140 or 161) BIOL 352 (BIOL 182L; 211 or 212 or 213)	BIOL 260 or PHYS 106A or PHYS 112
6 th semester	BIOL 491 (BIOL 211, 212, 291; and 260 or 360 or 370 or 380) <i>Continue or begin required electives listed below</i>	
YEAR #4 – SENIOR YEAR		
7 th & 8 th semesters: Continue required electives		
REQUIRED ELECTIVES: A minimum of 12 credits with at least 1 course from each of the 3 categories. At least 1 course, from any category, must contain a field experience as denoted by "F." Many electives are offered biennially and have different requisites so please check the catalog and plan accordingly.		
Category 1: Ecology	Category 2: Evolution	Category 3: Organismal
BIOL 462 Comp. Physiology, 3 cr BIOL 483 Biogeography, 3 cr BIOL 484 Ethology, 3 cr BIOL 482F Freshwater Science, 3 cr GEOG 341 Remote Sensing, 3 cr	BIOL 443 Bioinformatics, 3 cr BIOL 455 Evolutionary Genetics, 3 cr BIOL 456 Icons & Ideas of Biology, 3 cr	BIOL 464 Plant Physiology, 4 cr BIOL 471F Invert Zoology, 4 cr BIOL 472 Parasitology, 3 cr BIOL 473F Ichthyology, 4 cr BIOL 475 Vert Zoology, 3 cr BIOL 476 Mammalogy, 3 cr BIOL 477F Ornithology, 3 cr BIOL 478F Entomology, 4 cr
Additional Elective option: Only 1 credit from either BIOL 494 or 495 may be applied to required elective credits, but you may take both courses if desired.		
BIOL 494 Research Credit, 1 cr BIOL 495 Lab Assistant, 1 cr		

The following courses do NOT contribute toward the required electives in the major: Biol 390, 393, 491, 498, 499