SUGGESTED COURSE SEQUENCE FOR… *(updated May 2020)*

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		
1st 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
2nd 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		
3rd semester	**At least one of:** BIOL 211, 212, and/or 213 (BIOL 181 and 182) ***(These 3 should be completed in your 2nd year)***	CHEM 230 CHEM 231 GEOG 340 (Fall only) MATH 140 or 161
4th 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		
5th 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
6th semester	BIOL 491 (BIOL 211, 212, 291; and 260 or 360 or 370 or 380) ***Continue or begin required electives listed below***	
YEAR #4 – SENIOR YEAR		
7th & 8th 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