



BIOLOGY Emphasis Area

FOR ADVISING PURPOSES ONLY, SEE COLLEGE CATALOG FOR DEGREE REQUIREMENTS

Complete the following through elective or General Education courses:	Credits	Pre-requisites / Notes
<input type="checkbox"/> BIOL 1610/15 Principles of Biology I / Lab	4 / 1	
<input type="checkbox"/> BIOL 1620/25 Principles of Biology II / Lab	4 / 1	BIOL 1610/15
Complete at least 15 credits from the following courses:		
<input type="checkbox"/> BIOL 3010 Biological Evolution	3	BIOL 1610/15 & 2030
<input type="checkbox"/> BIOL 3020/25 Cell Biology / Lab	3 / 1	BIOL 1610/15; CHEM 1220/25
<input type="checkbox"/> BIOL 3100 Bioethics	3	BIOL 1010 or 1610/15
<input type="checkbox"/> BIOL 3110 Scientific Writing	2	BIOL 1610/15; ENGL 2010 (may be taken concurrently)
<input type="checkbox"/> BIOL 3140/45 Comparative Vertebrate Anatomy / Lab	3 / 1	BIOL 1620/25 (BIOL 3010 rec.)
<input type="checkbox"/> BIOL 3150/55 Introduction to Biometry / Lab	2 / 1	MATH 1050
<input type="checkbox"/> BIOL 3200/05 Invertebrate Zoology / Lab	3 / 1	BIOL 1620/25
<input type="checkbox"/> BIOL 3250 Cancer Biology	2	BIOL 2030 & Inst. permission
<input type="checkbox"/> BIOL 3340/45 Plant Anatomy	3 / 1	BIOL 1620/25, 2400/05
<input type="checkbox"/> BIOL 3360 Developmental Biology	3	BIOL 1610/15 (BIOL 2030 rec.)
<input type="checkbox"/> BIOL 3450/55 General Microbiology / Lab	3 / 1	BIOL 1610/15; CHEM 2310/15
<input type="checkbox"/> BIOL 3460 Biology of Infectious Disease	3	BIOL 1620/25; BIOL 2030 or 3020/25
<input type="checkbox"/> BIOL 3470 Introduction to Immunology	3	BIOL 3020/25 or 3450/5 (BIOL 2030 or CHEM 3510 rec.)
<input type="checkbox"/> BIOL 4190/95 Mammalian Histology / Lab	3 / 1	BIOL 1610/15
<input type="checkbox"/> BIOL 4200/05 Plant Taxonomy / Lab	2 / 2	BIOL 1610/15, 2400
<input type="checkbox"/> BIOL 4230/35 General Parasitology / Lab	3 / 1	BIOL 1620/25; Adv. Standing
<input type="checkbox"/> BIOL 4260/65 Herpetology / Lab	2 / 1	BIOL 1620/25, 2220/25
<input type="checkbox"/> BIOL 4270/75 Ichthyology / Lab	2 / 1	BIOL 1620/25, 2220/25
<input type="checkbox"/> BIOL 4280 Marine Biology	3	BIOL 1620/25, 2220/25
<input type="checkbox"/> BIOL 4300/05 Molecular Biology/Techniques	2 / 2	BIOL 2030; CHEM 3510
<input type="checkbox"/> BIOL 4350/55 Animal Behavior / Lab	3 / 1	BIOL 1620/25; Adv. Standing (BIOL 3150/55 recommended)
<input type="checkbox"/> BIOL 4380/85 Ornithology / Lab	2 / 1	BIOL 1620/25, 2220/25
<input type="checkbox"/> BIOL 4400 Pathophysiology	3	BIOL 2320/25 & 2420/25
<input type="checkbox"/> BIOL 4411/15 Mammalogy / Lab	3 / 1	BIOL 1620/25, 2220/25 (3140/45 rec.)
<input type="checkbox"/> BIOL 4440/45 General Entomology / Lab	3 / 1	BIOL 1620/25, (BIOL 2220/25 recom.)
<input type="checkbox"/> BIOL 4460/65 Plant Ecology / Lab	3 / 1	BIOL 2220/25, BIOL 3150
<input type="checkbox"/> BIOL 4500/05 Comparative Vertebrate Physiology / Lab	3 / 1	BIOL 1620/25; CHEM 1220/25
<input type="checkbox"/> BIOL 4600/05 Plant Physiology / Lab	3 / 1	BIOL 1620/25; CHEM 1220/25

NOTE: Grade C or higher in each Emphasis Area course required.