

Biology Course number	SU12	FA12	SP13	Biology Course number	SU12	FA12	SP13
100 General Biology (3)	x	x	x	510 <i>Molecular Evolution</i> (3)			
100L General Biology Laboratory (1)		x	x	511 <i>Evolution of Development</i> (3)			
101 World of Animals (3)		x	x	512 Evolution & Ecology of Marine Mammals (3)		x	
101L World of Animals Laboratory (1)		x	x	514 Biology of the Algae (4)			
203 Principles of Cell & Molecular Biology (3)		x	x	515 Marine Invertebrate Biology (4)		x	
203L Principles of Cell & Molecular Biology Lab (1)		x	x	516A Marine Larval Ecology Research I (4)			
204 Principles of Organismal Biology (3)		x	x	516B Marine Larval Ecology Research II (4)			
204L Principles of Organismal Biology Lab. (1)		x	x	517 Marine Ecology (4)			x
211 Fundamentals of Microbiology (2)	x	x	x	518 Biology of Fishes (4)			
211L Fundamentals of Microbiology Laboratory (2)		x	x	523 Herpetology (4)			x
212 Human Anatomy (4)	x	x	x	524 Ornithology (4)			x
215 Biostatistics (3)		x	x	525 Mammalogy (4)			
246 Colloquium in Biomedical Sciences (1)		x	x	526 Terrestrial Arthropod Biology (4)			x
247 Advanced Degree Program in Sciences: Application Strategies (1) Cr/NC		x		527 <i>Animal Behavior</i> (3)		x	
248 Careers in Biological Sciences (1) Cr/NC		x		527L Animal Behavior Lab (1)			
249 Career Choices in the Health Prof. (1) Cr/NC			x	528 Microbial Ecology (3)		x	
250 Preprofessional Topics (1) Cr/NC				530 Plant Systematics (4)		x	
A. Topics in Medicine		x		531 Taxonomy of California Plants (4)			x
B. Topics in Dentistry			x	535 Plant Ecology (4)			
C. Topics in Veterinary Medicine		x		538 <i>Environmental Policy & Regulations</i> (3)			x
251 Human Anatomy Internship (2)		x	x	540 Conservation Ecology (3)		x	
261 Human Physiology (4)		x	x	542 <i>Chemical Ecology</i> (3)		x	
277 Medical Terminology (2)				544 <i>Terrestrial Ecosystems & Climate Change</i> (3)			x
299 Special Study (1-3)	x	x	x	546 <i>Systematics and Biodiversity</i> (3)			
305 Scientific Scuba Diving (3)				549 <i>Microbial Genetics & Physiology</i> (3)		x	
306 Scientific Scuba Diving for Certified Divers (3)				554 <i>Molecular Virology</i> (3)			x
307 Biology of Sex (3)		x	x	555 <i>Principles of Electron Microscopy</i> (2)			
315 Ecology & Human Impacts on the Environ. (3)		x		556 Scanning Electron Microscopy Laboratory (2)		x	x
319 Evolution and the Diversity of Life (3)				557 Transmission Electron Microscopy Lab. (3)		x	x
324 Life in the Sea (3)		x		560 <i>Animal Physiology</i> (3)	x		
326 Plants, Medicines & Drugs (3)		x	x	561 <i>Radiation Biology</i> (3)			
327 Conservation of Wildlife (3)	x		x	567 <i>Adv. Biochem., Cell & Molecular Biology</i> (4)		x	x
336 Principles of Human Physiology (3)	x	x	x	567L Biochem., Cell & Molecular Biology Lab II (2)		x	
340A Preventive Dentistry Program (1) Cr/NC		x	x	568 Bioinformatics (3)			x
340B Preventive Dentistry Leaders (2-4)		x	x	570 <i>Neurobiology</i> (3)			x
341 The Human Body (3)		x	x	575 <i>Molecular Basis of Heart Disease</i> (3)			x
342 Emerg. Techn. Human Health Care (3)				576 <i>Developmental Biology</i> (3)		x	
344 Advanced Human Anatomy (2)				584 <i>Medical Microbiology</i> (3)			x
348 Health Professions Internship (1-3)		x	x	585 <i>Cellular & Molecular Immunology</i> (3)			x
				588 General Parasitology (3)			
				589 <i>Stem Cell & Regenerative Biology</i> (3)		x	
				590 <i>Physiology of Human Systems</i> (4)		x	
				594 Biotechnology Research Rounds (2) Cr/NC		x	
<u>Courses numbered 350-599 are applicable to the major:</u>				596 Ecological Metagenomics (3)			x
350 General Microbiology (4)		x	x	596 Soil Biology (4)			x
352 Genetics & Evolution (3)		x	x	596 Terr. Ecosys. & Clim. Change Lab (?)			?
354 Ecology & the Environment (3)		x	x	597A Univariate Statistical Methods in Biology (3)		x	
354L Experimental Ecology (2)		x	x	600 Sem: Thesis Proposal (3)	x	x	x
366 Biochemistry, Cell & Molecular Biol. II (4)		x	x	600 Adv. Topics Virology (3)		x	
366L Biochemistry, Cell & Molec. Biol. Lab I (2)		x	x	604 Seminar in Aquatic Ecology (2)		x	
436 Human Physiology Laboratory (2)	x	x	x	606 Biological Data (Adv. Biostatistics) (3)			
452 <i>Science Concept Development & Integ.</i> (3)			x	624 Population Genetics (3)			x
458 Plant Biology (4)			x	645 Theory & Principles of Ecology I (3)		x	
460 Economic Botany (3)				677 Marine Conservation Biology (3)			
461 Underwater Research Methods & Tech. (3)				688 Seminar in Terrestrial Ecology (2)			
474 Histology (4)				735 Seminar in Biogeography (2)			
480 <i>Clinical Hematology</i> (3)		x		740 Phylogenetic Systematics (3)			
480L <i>Clinical Hematology Lab Extension only</i> (3)		?		745 Theory & Princ. Ecol. II (3)			x
485 <i>Principles of Immunology</i> (3)			x	766 Adv. Topics Pop. Comm. Ecology (2-4)			
490 Undergraduate Honors Research (3)		x	x	770 Seminar in Systematics & Evolution (2)			x
<i>Sci 496 Biomath</i> (3)		x		795 Seminar in Ecology & Evolutionary Biol. (1)		x	x
497 Undergraduate Research (1-3)	x	x	x				
499 Special Study (1-3)	x	x	x	M Bio 600 Seminar in Molecular Biol (2)		x	x
508 <i>Coevolution</i> (3)				M Bio 601 Colloquium in Molec Biol (1)		x	x
509 <i>Evolutionary Biology</i> (3)		x		M Bio 610 Adv Topic Molecular Biol (3)		x	x

Bold = Organismal course

Italics = non-lab UD elective