

<b>Biology Course number</b>	<b>SU11</b>	<b>FA11</b>	<b>SP12</b>	<b>Biology Course number</b>	<b>SU11</b>	<b>FA11</b>	<b>SP12</b>
100 General Biology (3)	x	x	x	511 <i>Evolution of Development (3)</i>			x
100L General Biology Laboratory (1)		x	x	<b>512 Evolution &amp; Ecology of Marine Mammals (3)</b>			
101 World of Animals (3)		x	x	<b>514 Biology of the Algae (4)</b>			x
101L World of Animals Laboratory (1)		x	x	<b>515 Marine Invertebrate Biology (4)</b>		x	
203 Principles of Cell & Molecular Biology (3)		x	x	<b>516A Marine Larval Ecology Research I (4)</b>			
203L Principles of Cell & Molecular Biology Lab (1)		x	x	516B Marine Larval Ecology Research II (4)			
204 Principles of Organismal Biology (3)		x	x	517 Marine Ecology (4)			x
204L Principles of Organismal Biology Lab. (1)		x	x	<b>523 Herpetology (4)</b>			
211 Fundamentals of Microbiology (2)	x	x	x	<b>524 Ornithology (4)</b>			
211L Fundamentals of Microbiology Laboratory (2)		x	x	<b>525 Mammalogy (4)</b>			
212 Human Anatomy (4)	x	x	x	<b>526 Terrestrial Arthropod Biology (4)</b>		x	
215 Biostatistics (3)		x	x	527 <i>Animal Behavior (3)</i>			
246 Colloquium in Biomedical Sciences (1)			x	527L Animal Behavior Lab (1)			
247 Advanced Degree Program in Sciences: Application Strategies (1) Cr/NC		x		<b>528 Microbial Ecology (3)</b>			x
248 Careers in Biological Sciences (1) Cr/NC		x		<b>530 Plant Systematics (4)</b>			
249 Career Choices in the Health Prof. (1) Cr/NC			x	<b>531 Taxonomy of California Plants (4)</b>			x
250 Preprofessional Topics (1) Cr/NC				<b>535 Plant Ecology (4)</b>			x
A. Topics in Medicine		x		538 <i>Environmental Policy &amp; Regulations (3)</i>			
B. Topics in Dentistry			x	540 Conservation Ecology (3)			
C. Topics in Veterinary Medicine		x		541 Ecology of Fishes and Fisheries Biology (3)		x	
261 Human Physiology (4)		x	x	542 <i>Chemical Ecology (3)</i>			x
277 Medical Terminology (2)				544 <i>Terrestrial Ecosystems &amp; Climate Change (3)</i>			
299 Special Study (1-3)	x	x	x	546 <i>Systematics and Biodiversity (3)</i>			
305 Scientific Scuba Diving (3)				549 <i>Microbial Genetics &amp; Physiology (3)</i>		x	
306 Scientific Scuba Diving for Certified Divers (3)				554 <i>Molecular Virology (3)</i>			x
307 Biology of Sex (3)			x	555 <i>Principles of Electron Microscopy (2)</i>			
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	
324 Life in the Sea (3)		x	x	560 <i>Animal Physiology (3)</i>	x		
326 Plants, Medicines & Drugs (3)		x	x	561 <i>Radiation Biology (3)</i>		x	
327 Conservation of Wildlife (3)	x		x	567 <i>Adv. Biochem., Cell &amp; Molecular Biology (4)</i>		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 (3)</i>			x
341 The Human Body (3)				575 <i>Molecular Basis of Heart Disease (3)</i>			
342 Emerg. Techn. Human Health Care (3)		x		576 <i>Developmental Biology (3)</i>		x	
344 Advanced Human Anatomy (2)	x			584 <i>Medical Microbiology (3)</i>			x
348 Health Professions Internship (1-3)		x	x	585 <i>Cellular &amp; Molecular Immunology (3)</i>			x
				<b>588 General Parasitology (3)</b>			
				589 <i>Stem Cell &amp; Regenerative Biology (3)</i>		x	
				590 <i>Physiology of Human Systems (4)</i>		x	
				594 Biotechnology Research Rounds (2) Cr/NC		x	
<u>Courses numbered 350-599 are applicable to the major:</u>				596 Biology of Fishes (4)		x	
<b>350 General Microbiology (4)</b>	x	x	x	596 <i>Classics of Biology (2)</i>		x	
352 Genetics & Evolution (3)		x	x	596 Soil Biology (4)		x	
354 Ecology & the Environment (3)		x	x	596 Ecological Metagenomics (3)			x
354L Experimental Ecology (2)		x	x	596 <i>Terr Ecosys &amp; Clim Chg Lab (2)</i>			x
366 Biochemistry, Cell & Molecular Biol. II (4)		x	x	597A Univariate Statistical Methods in Biology (3)		x	
366L Biochemistry, Cell & Molec. Biol. Lab I (2)		x	x				
436 Human Physiology Laboratory (2)	x	x	x	600 Sem: Thesis Proposal (3)	x	x	x
452 <i>Science Concept Development &amp; Integ. (3)</i>			x	600 Seminar in Aquatic Ecology (3)			
<b>458 Plant Biology (4)</b>				604 Seminar in Aquatic Ecology (2)		x	
<b>460 Economic Botany (3)</b>		x		606 Biological Data (Adv. Biostatistics) (3)			
461 Underwater Research Methods & Tech. (3)				624 Population Genetics (3)			
474 Histology (4)		x		645 Theory & Principles of Ecology I (3)		x	
485 <i>Principles of Immunology (3)</i>		x	x	677 Marine Conservation Biology (3)			
490 Undergraduate Honors Research (3)		x		688 Seminar in Terrestrial Ecology (2)			
496 <i>Clinical Hematology (3)</i>		x		735 Seminar in Biogeography (2)			
<i>Sci 496 Biomath (3)</i>			x	740 Phylogenetic Systematics (3)		x	
497 Undergraduate Research (1-3)	x	x	x	745 Theory & Princ. Ecol. II (3)			x
499 Special Study (1-3)	x	x	x	766 Adv. Topics Pop. Comm. Ecology (2-4)			
508 <i>Coevolution (3)</i>		x		770 Seminar in Systematics & Evolution (2)			x
509 <i>Evolutionary Biology (3)</i>		x		795 Seminar in Ecology & Evolutionary Biol. (1)		x	x
510 <i>Molecular Evolution (3)</i>			x	797 Research (1-3) Cr/NC		x	x
<b>Bold = Organismal course</b>							
<i>Italics = non-lab UD elective</i>							
				M Bio 600 Seminar in Molecular Biol (2)		x	x
				M Bio 600 Seminar in Signal Transduction (3)		x	x
				M Bio 601 Colloquium in Molec Biol (1)		x	x
				M Bio 610 Adv Topic Molecular Biol (3)		x	x
<u>Biology 203/203L corresponds to the old Biology 201A</u>							
<u>Biology 204/204L corresponds to the old Biology 201B</u>							
<u>Biology 211/211L corresponds to the old Biology 210</u>							