

Projected Offerings of Undergraduate Courses for Biology Majors

(subject to modification pending enrollment and budget)

	Even Years		Odd Years	
	Fall	Spring	Fall	Spring
Lower Division Requirements				
BIOL 200, Prin Organismal & Population Biology (4)	x	x	x	x
BIOL 201, Prin Cell & Molecular Biology (4)	x	x	x	x
BIOL 203, Quantitative Methods for Biology (3)	x	x	x	x
BIOL 210, Human Anatomy and Physiology I (4)	x		x	
BIOL 211, Human Anatomy and Physiology II (4)		x		x
MATH 150, Calculus (4)	x	x	x	x
CHEM 121, General Chemistry I (4)	x		x	
CHEM 122, General Chemistry II (4)		x		x
PHYS 100, Intro to Physics I (4)	x		x	
PHYS 101, Intro to Physics II (4)		x		x
PHYS 200, General Physics I (4)	x		x	
PHYS 201, General Physics II (4)		x		x
Upper Division Courses				
BIOL 300, Cell Biology (4)	x	x	x	x
BIOL 301, Microbiology (4)	x	x	x	x
BIOL 302, Genetics (4)	x	x	x	x
BIOL 303, Evolution (3)	x		x	
BIOL 304, Comparative Animal Physiology (3)		x		x

BIOL 306*, Pathophysiology (3)		x		x
BIOL 310, Vertebrate Biology (4)			x	
BIOL 311, Plant Biology (4)		x		x
BIOL 312, Marine Biology (4)				x
BIOL 313*, Conservation Biology (4)	x		x	
BIOL 315*, Intro to Biophysics (4)	x			
BIOL 316, Invertebrate Zoology (4)	x			
BIOL 317, Parasitology (4)			x	
BIOL 318, Medical Mycology (4)				x
BIOL 335, Biosphere (3)			x	
BIOL 400, Molecular Biology (4)	x	x	x	x
BIOL 401, Biotech & Recombinant DNA Techniques (5)		x		x
BIOL 402, Toxicology (3)	x			
BIOL 403, Foundations of Structural Biology (4)			x	
BIOL 404, Plant and Animal Tissue Culture (3)	x		x	
BIOL 405, Biochemical Engineering (4)	x		x	
BIOL 406, Evolutionary Biogeography (3)	x			
BIOL 407, Behavioral Ecology (3)				x
BIOL 408, Nanobiotechnology (3)		x		
BIOL 416*, Radiobiology & Radionuclides (3)				x
BIOL 420, Cellular and Molecular Immunology (4)		x		x
BIOL 421, Virology (3)		x		x
BIOL 422, Molecular Plant Physiology (4)	x			
BIOL 423, Cellular and Molecular Neurobiology (3)				x
BIOL 424, Human Physiology (3)				x
BIOL 425, Human Genetics (3)		x		
BIOL 426, Hematology (4)	x		x	
BIOL 427, Developmental Biology (4)	x			
BIOL 428, Biology of Cancer (3)	x		x	
BIOL 431, Bioinformatics (4)		x		x

BIOL 432, Prin of Epidemiology & Environm'l Health (3)	x	x	x	x
BIOL 433, Ecology and the Environment (4)	x	x	x	x
BIOL 434*, Intro to Biomedical Imaging (3)	x		x	
BIOL 450, Ichthyology: Bio of Fishes (4)		x		
BIOL 451, Ornithology (4)			x	
BIOL 464*, Medical Instrumentation (4)				x
BIOL 490, Special Topics (1-3)	oan	oan	oan	oan
BIOL 491, Special Laboratory Topics (1-3)	oan	oan	oan	oan
BIOL 492, Internship (2-3)	x	x	x	x
BIOL 494, Independent Research (1-3)	x	x	x	x
BIOL 497, Directed Study (1-3)	x	x	x	x
BIOL 499, Senior Capstone in Biology (3)	x	x	x	x
CHEM 311, 312(or LD courses), Organic Chemistry I (4)	x		x	
CHEM 314,315(or LD courses), Org Chem II (4)		x		x
CHEM 318, Biological Chemistry (3)		x		x
Interdisciplinary Biology Courses				
BIOL 331*, Biotech in the 21 Century (3)	x	x	x	x
BIOL 332, Cancer and Society (3)	x			x
BIOL 333, Emerging Public Health Issues (3)	x		x	
BIOL 334, Natural History of Ventura County (3)		x		
BIOL 335, Biosphere (3)			x	
BIOL 342*, The Zoo: Conserv, Educ & Recreation (3)		x		x
BIOL 345*, Science and Public Policy (3)		x		
BIOL 431, Bioinformatics (4)		x		x
BIOL 432, Prin of Epidemiology & Environm'l Health (3)	x		x	
BIOL 433, Ecology and the Environment (4)	x	x	x	x
BIOL 434*, Intro to Biomedical Imaging (3)	x		x	

* cross-listed courses

oan: offered as needed.