

**INSTITUTIONAL LEARNING OUTCOMES (CORE COMPETENCIES) MAPPING**

Courses	Title	I. Communication Skills	II. Thinking and Reasoning	III. Information Management	IV. Diversity	V. Civic Responsibility	VI. Life Skills	VII. Careers
Bio 109	Fundamentals of Biology	X	X					
BioH	Honors Fundamentals of Biology	X	X					
Bio 109L	Fundamentals of Biology Laboratory	X	X					
Bio 111	Marine Biology	X	X					
Bio 115	Concepts in Biology for Educators	X	X	X	X	X	X	X
Bio 127	Ecology	X	X		X	X		
Bio 128	Natural History of the California Coast	X	X		X	X		
Bio 129	Ecology of Southern California	X	X		X	X		
Bio 131	Natural History of the Southwest		X		X			
Bio 132	Natural History of Death Valley	X	X		X			
Bio 133	Desert Biology	X	X		X	X		
Bio 139	Health Microbiology	X	X	X	X	X	X	X
Bio 149	Human Anatomy and Physiology	X						
Bio 169	Natural History of the Sierra Nevadas		X		X			
Bio 177	Human Genetics	X	X	X	X	X	X	X
Bio 190	Introduction to Biotechnology							X
Bio 191	Biotech A: Basic Skills							X
Bio 192	Biotech B: Proteins							X
Bio 193	Biotech C: Nucleic Acids							X
Bio 194	Quality and Regulatory Compliance in Biosciences							X
Bio 195	Biotech: QC Microbiology							X
Bio 197	STEM Internship/Work Experience							X
Bio 200	Environment of Man	X	X	X	X	X	X	X
Bio 211	Cellular and Molecular Biology	X	X					
Bio 212	Animal Diversity and Ecology	X	X					
Bio 214	Plant Diversity and Evolution	X	X					
Bio 217	Pathophysiology	X	X	X	X	X	X	X
Bio 229	General Microbiology		X					
Bio 239	General Human Anatomy	X	X	X	X	X	X	X
Bio 249	Human Physiology	X	X	X	X		X	
Bio 259	Environmental Biology	X	X	X	X	X	X	X
Bio 290	Biochemistry and Molecular Biology	X	X	X				