

		2022 - 23			2023 - 24			
Subject	Number	Title	Fall 2022	Spring 2023	Summer 2023	Fall 2023	Spring 2024	Summer 2024
BIO	1040	What is evolution?		X			X	
BIO	1060	Human Biology	X	X		X	X	
BIO	1110	Life Science	X	X	X	X	X	X
BIO	1110L	Life Science Laboratory	X	X	X	X	X	X
BIO	1150	Basic Biology	X	X		X	X	
BIO	1150L	Basic Biology Laboratory	X	X		X	X	
BIO	1210	Foundations of Biology: Energy, Matter, and Information	X	X		X	X	
BIO	1210L	Foundations of Biology: Energy, Matter, and Information Laboratory	X	X		X	X	
BIO	1220	Foundations of Biology: Evolution, Ecology, and Biodiversity	X	X		X	X	
BIO	1220L	Foundations of Biology: Evolution, Ecology, and Biodiversity Laboratory	X	X		X	X	
BIO	2050	Form and Function in Plants	X	X		X	X	
BIO	2050L	Form and Function in Plants Laboratory	X	X		X	X	
BIO	2060	Basic Microbiology	X	X		X	X	
BIO	2060L	Basic Microbiology Laboratory	X	X		X	X	
BIO	2070	Animal Biology	X	X		X	X	
BIO	2070L	Animal Biology Laboratory	X	X		X	X	
BIO	2110L	Biostatistics Laboratory	X	X		X	X	
BIO	2120	Life Science for Elementary Educators	X	X		X	X	
BIO	2120L	Life Science for Elementary Educators Lab	X	X		X	X	
BIO	2300	Horizons in Biotechnology		X			X	
BIO	2340	Human Anatomy	X	X	X	X	X	X
BIO	2340L	Human Anatomy Laboratory	X	X	X	X	X	X
BIO	2350	Human Physiology	X	X	X	X	X	X
BIO	2350L	Human Physiology Laboratory	X	X	X	X	X	X
BIO	2370	Introduction to Invertebrate Zoology	X			X		
BIO	2370L	Introduction to Invertebrate Zoology Laboratory	X			X		
BIO	2380	Introduction to Vertebrate Zoology	X			X		

BIO	2380L	Introduction to Vertebrate Zoology Laboratory	X			X		
BIO	2400	Genetics	X	X	X	X	X	X
BIO	2990	Spec. Topics for LD Students						
BIO	3000	Genetics and Human Issues		X			X	
BIO	3010	Human Sexuality	X	X	X	X	X	X
BIO	3030	Sexually Transmitted Diseases and Safer Sex		X			X	
BIO	3040	Environment and Society	X	X		X	X	
BIO	3070	Biology of Human Pregnancy	X	X		X	X	
BIO	3090	Biology of the Brain	X			X		
BIO	3120	Biodiversity Conservation	X			X		
BIO	3130	Marine Biology	X			X		
BIO	3220	Cell and Molecular Biology	X	X	X	X	X	X
BIO	3240	Principles of Evolution	X	X		X	X	
BIO	3250	Principles of Ecology	X	X		X	X	
BIO	3250L	Ecology Laboratory		X			X	
BIO	3500	California Flora		X			X	
BIO	3500L	California Flora Laboratory		X			X	
BIO	3600	General Epidemiology	X			X		
BIO	3620	Applied Microbiology				X		
BIO	3620L	Applied Microbiology Lab				X		
BIO	3640	Food Microbiology	X			X		
BIO	3640L	Food Microbiology Laboratory	X	X		X	X	
BIO	4020	Developmental Biology		X			X	
BIO	4030	Human Genetics				X		
BIO	4060	Regulatory Affairs and Safety Assessment		X			X	
PHY	4100	Biophysics (Please consult Physics Dept. for updated schedule)		X			X	
BIO	4140	Biology of Species Invasions		X				
BIO	4180	Marine Ecology	X			X		
BIO	4180L	Marine Ecology Lab	X			X		
BIO	4240	Neuromuscular Physiology	X			X		
BIO	4300	Concepts of Molecular Biology	X			X		
BIO	4320	Molecular Biology Techniques		X			X	
BIO	4320L	Molecular Biology Techniques Laboratory		X			X	
BIO	4360	Recombinant DNA and Protein Technology				X		
BIO	4360L	Recombinant DNA and Protein Technology Laboratory				X		
BIO	4380	Bioinformatics		X			X	
BIO	4380L	Bioinformatics Laboratory		X			X	

BIO	4400	Stem Cell Biology		X			X	
BIO	4400L	Stem Cell Biology Laboratory		X			X	
BIO	4410	Internship in Biology	X	X		X	X	
BIO	4450	Physiology I: Cells	X			X		
BIO	4450L	Physiology I: Cells Laboratory	X			X		
BIO	4460	Physiology II: Systems		X			X	
BIO	4460L	Physiology II: Systems Laboratory		X			X	
BIO	4480	Plant Physiology		X			X	
BIO	4480L	Plant Physiology Lab		X			X	
BIO	4490	Marine Botany					X	
BIO	4490L	Marine Botany Lab					X	
BIO	4520	Evolution of Plants	X			X		
BIO	4520L	Evolution of Plants Laboratory	X			X		
BIO	4530	Plant Anatomy	X			X		
BIO	4530L	Plant Anatomy Laboratory	X			X		
BIO	4540	Plant Genetics	X			X		
BIO	4550	Field Biology	TBD	TBD		TBD	TBD	
BIO	4550L	Field Biology Laboratory	TBD	TBD		TBD	TBD	
BIO	4570	Plants and the Environment		X			X	
BIO	4570L	Plants and the Environment Laboratory		X			X	
BIO	4580	Ecology and Conservation of Hawaiian Ecosystems					X	
BIO	4580L	Ecology and Conservation of Hawaiian Ecosystems Laboratory					X	
BIO	4590AS	Ethnobotany Activity – Service Learning	X	X		X	X	
BIO	4590S	Ethnobotany – Service Learning	X	X		X	X	
BIO	4610	Undergraduate Research	X	X		X	X	
BIO	4620	Senior Thesis	X	X		X	X	
BIO	4635	Medical Microbiology	X	X		X	X	
BIO	4635L	Medical Microbiology Laboratory	X	X		X	X	
BIO	4650	Immunology	X	X		X	X	
BIO	4650L	Immunology Lab	X	X		X	X	
BIO	4660	Microbial Physiology		X			X	
BIO	4660L	Microbial Physiology Laboratory		X			X	
BIO	4670	General Virology	X	X		X	X	
BIO	4670L	General Virology Laboratory	X	X		X	X	
BIO	4680	Microbial Ecology	X			X		
BIO	4680L	Microbial Ecology Laboratory	X			X		
BIO	4700	Hematology		X			X	
BIO	4700L	Hematology Lab		X			X	
BIO	4800	Entomology		X			X	

BIO	4800L	Entomology Laboratory		X			X	
BIO	4810	Histology		X			X	
BIO	4810L	Histology Lab		X			X	
BIO	4820	Biology of Fishes				X		
BIO	4820L	Biology of Fishes Laboratory				X		
BIO	4840	Herpetology		X			X	
BIO	4840L	Herpetology Laboratory		X			X	
BIO	4910AS	Interpretation of Science Activity – Service Learning	X	X		X	X	
BIO	4910S	Interpretation of Science – Service Learning	X	X		X	X	
BIO	4990	Spec. Topics for UG	TBD	TBD		TBD	TBD	
BIO	4990L	Spec. Topics for UG	TBD	TBD		TBD	TBD	
BIO	4990S	Service Learning				X		
BIO	5350	Advanced Cell Biology	X					
BIO	5370	Advanced Virology		X			X	
BIO	5400	Biogeography	X			X		
BIO	5500	Bio Effects of Climate Change		X				
BIO	5600	Advanced Topics in Microbiology (1-3 units)	TBD	TBD		TBD	TBD	
BIO	5600L	Advanced Microbiology Laboratory	TBD	TBD		TBD	TBD	
BIO	5750	Cancer Cell Biology		X			X	
BIO	5800L	Introduction to Instructional Methods in Biology	X			X		
BIO	5870	Advanced Muscle Biology and Disease					X	
BIO	5990	Advanced Topics in Biology	TBD	TBD		TBD	TBD	
BIO	5990L	Graduate Laboratory	TBD	TBD		TBD	TBD	
BIO	6800	Seminar in Biology	X	X		X	X	
BIO	6930	Presentation of Thesis Research Proposal	X	X		X	X	
BIO	6940	Master's Thesis/Project Research	X	X		X	X	
BIO	6960	Master's Degree Thesis	X	X		X	X	