Biology Course number		SU18	FA18	SP19	SU19
100	General Biology (3)	x	x	x	
100L	General Biology Laboratory (1)		x	x	
101	World of Animals (3)		x	x	
101L	World of Animals Laboratory (1)		x	x	
203	Principles of Cell & Molecular Biology (3)		x	x	
203L	Principles of Cell & Molecular Biology Lab (1)		x	x	
204	Principles of Organismal Biology (3)		x	x	
204L	Principles of Organismal Biology Lab. (1)		x	x	
211	Fundamentals of Microbiology (2)		x	x	
211L	Fundamentals of Microbiology Laboratory (2)		x	x	
212	Human Anatomy (4)	x	x	x	x
215	Biostatistics (3)		x	x	
246	Colloquium in Biomedical Sciences (1)			x	
247	Adv. Degr. Progr. Sci: App. Strat. (1) Cr/NC		x		
248	Careers in Biological Sciences (1) Cr/NC		x		
249	Career Choices in the Health Prof. (1) Cr/NC			x	
250	Preprofessional Topics (1) Cr/NC				
	A. Topics in Medicine		x		
	B. Topics in Dentistry				
	C. Topics in Veterinary Medicine		x		
251	Human Anatomy Internship (2)		x	x	
261	Human Physiology (4)		x		
277	Medical Terminology (2)				
291C	Biostatistics Laboratory (1)		x	x	
296	Experimental Topics (1-4)				
299	Special Study (1-3)	x	x	x	x
307	Biology of Sex (3)				
315	Ecology & Human Impacts on the Environ. (3)		x		
324	Life in the Sea (3)		x		
326	Plants, Medicines & Drugs (3)				
327	Conservation of Wildlife (3)			x	
335	The Human Body (3)	x	x	x	x
336	Principles of Human Physiology (3)	x	x	x	x
340A	Preventive Dentistry Program (1) Cr/NC		x		
340B	Preventive Dentistry Leaders (2-4)		x		
Courses numbered 350-599 are applicable to the major:					
350	**General Microbiology (4)**		**x**	**x**	
352	*Genetics & Evolution (3)*		*x*	*x*	
354	*Ecology & the Environment (3)*		*x*	*x*	
354L	Experimental Ecology (2)		x	x	
366	*Biochemistry, Cell & Molecular Biol. II (4)*		*x*	*x*	
366L	Biochemistry, Cell & Molec. Biol. Lab I (2)		x	x	
436	Human Physiology Laboratory (2)	x	x	x	x
452	Science Concept Development & Integ. (3)				
458	**Plant Biology (4)**				
480	*Clinical Hematology (3)*			*x*	
480L	Clinical Hematology Lab [(CES course only (3)]				
485	*Principles of Immunology (3)*			*x*	
490	Undergraduate Honors Research (3)		x	x	
496	Functional Genomics Lab (2)			x	
496	*Microbial Metagenomics Discovery Chlng (3)*			*x*	
497	Undergraduate Research (1-3)	x	x	x	x
499	Special Study (1-3)	x	x	x	x
509	*Evolutionary Biology (3)*		*x*		
510	*Molecular Evolution (3)*		*x*	*x*	
511	*Evolution of Development (3)*				

Biology Course number		SU18	FA18	SP19	SU19
512	**Evolution & Ecology of Marine Mammals (3)**			**x**	
514	**Biology of the Algae (4)**			**x**	
515	**Marine Invertebrate Biology (4)**		**x**		
516A	**Marine Larval Ecology Research I (4)**				
516B	Marine Larval Ecology Research II (4)				
517	Marine Ecology (4)			x	
518	Biology of Fishes (4)				
523	**Herpetology (4)**				
524	**Ornithology (4)**				
525	**Mammalogy (4)**			**x**	
526	**Terrestrial Arthropod Biology (4)**				
527	*Animal Behavior (3)*				
527L	Animal Behavior Lab (1)				
528	**Microbial Ecology (3)**		**x**		
530	**Plant Systematics (4)**				
531	**Taxonomy of California Plants (4)**				
535	**Plant Ecology (4)**			**x**	
538	*Environmental Policy & Regulations (3)*				
540	Conservation Ecology (3)		x		
542	*Ecological Signaling in the Environment (3)*		*x*		
544	*Terrestrial Ecosystems & Climate Change (3)*			*x*	
544L	Global Science Change Laboratory (2)				
549	*Microbial Genetics & Physiology (3)*		*x*		
554	*Molecular Virology (3)*			*x*	
556	Scanning Electron Microscopy Laboratory (2)			x	
557	Transmission Electron Microscopy Lab. (3)		x		
560	*Animal Physiology (3)*	*x*			*x*
562	Ecological Metagenomics (3)			x	
567	*Adv. Biochem., Cell & Molecular Biology (4)*		*x*		
567L	Biochem., Cell & Molecular Biol. Lab II (2)		x		
568	Bioinformatics (3)		x		
570	*Neurobiology (3)*			*x*	
575	*Molecular Basis of Heart Disease (3)*			*x*	
576	*Developmental Biology (3)*		*x*		
584	*Medical Microbiology (3)*			*x*	
585	*Cellular & Molecular Immunology (3)*				
589	*Stem Cell & Regenerative Biology (3)*				
590	*Physiology of Human Systems (4)*		x		
596	*Special Topics in Biology (1-4) (varies by sem.)*				
596	*Environmental Systems Modeling (3)*				
597A	Univariate Statistical Methods in Biology (3)		x		

	Other Courses				
200	Chemistry: General Chemistry (5)	x	x	x	x
201	Chemistry: General Chemistry (5)		x	x	
232	Chemistry: Organic Chemistry (3)`	x	x	x	x
232L	Chemistry: Organic Chemitry Lab (1)	x	x	x	x
365	*Chemistry: Biochem, Cell & Molec Biol. I (3)*	*x*	*x*	*x*	x
432	*Chemistry: Organic Chemistry (3)*		*x*	*x*	
432L	Chemistry: Organic Chemistry Lab (1)		x	x	
124	Math: Calculus for the Life Sciences (4)		x	x	
180A	Physics: Fundamentals of Physics (3)	x	x	x	x
182A	Physical Measurements Lab (1)	x	x	x	x
180B	Physics: Fundamentals of Physics (3)	x	x	x	x
182B	Physics: Physical Measurements Lab (1)	x	x	x	x

Bold = Organismal course

Italics = non-lab Upper Division elective