

# Five Year Course Plan

Department: Biological Sciences

Last Updated November 13, 2013

Courses	Fall 2013	Spr 2014	Fall 2014	Spr 2015	Fall 2015	Spr 2016	Fall 2016	Spr 2017	Fall 2017	Spr 2018
BIOL 102/102L Human Biology		X		X		X		X		X
BIOL 104 General Biology	X	X	X	X	X	X	X	X	X	X
BIOL 105 Principles of Biology	X	X	X	X	X	X	X	X	X	X
BIOL 210 Medical Microbiology										
BIOL 255 Marine Biology	X		X		X		X		X	
BIOL 301 History of Biology										
BIOL 304 Human Genetics			X				X			
BIOL 305 Social Behavior and Biology	X				X				X	
BIOL 306 California Natural History										
BIOL 307 Evolution	X	X	X	X	X	X	X	X	X	X
BIOL 308 Environment and Culture				X				X		
BIOL 330 Principles of Ecology	X	X	X	X	X	X	X	X	X	X
BIOL 340 Genetics	X	X	X	X	X	X	X	X	X	X
BIOL 345 Genetics w/ Population Emphasis										
BIOL 369 Professional Writing in the Life Sciences										
BIOL 383 Introduction to Undergraduate Research										
BIOL 410 Cell Biology	X		X		X		X		X	
BIOL 412 General Bacteriology	X	X	X	X	X	X	X	X	X	X
BIOL 415 Molecular Biology of Prokaryotes										
BIOL 418 Marine Microbiology			X				X			
BIOL 425/525 Advanced Molecular Biology										
BIOL 426/526 Bioinformatics										
BIOL 430 Intertidal Ecology		X		X		X		X		X
BIOL 434/534 Population and Community Ecology	X		X		X		X		X	
BIOL 433/533 Microbial Ecology	X				X				X	
BIOL 438 Field Ecology		X								
BIOL 440 Genetics Lab	X	X	X	X	X	X	X	X	X	X
BIOL 480 Current Topics in Biology	X	X	X	X	X	X	X	X	X	X
BIOL 540 Advanced Genetics										
BIOL 542 Biotechnology										
BIOL 544/544L Stem Cell Biology/Laboratory		X		X						
BIOL 548 Biogeography		X				X				X
BIOL 550 Systematics										
BIOL 554 Plant/Animal Interactions	X		X		X		X		X	
BIOL 564 Transmission and Scanning EM		X		X		X		X		X

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BOT 105 General Botany	x	x	x	x	x	x	x	x	x	x
BOT 300 Plants and Civilization		x				x				x
BOT 310 General Plant Physiology	x		x		x		x		x	
BOT 322/522 Developmental Plant Anatomy						x			x	
BOT 330/330L Plant Ecology	x		x		x		x		x	
BOT 350 Plant Taxonomy	x	x	x	x	x	x	x	x	x	x
BOT 354 Agrostology			x				x			
BOT 355 Lichens and Bryophytes		x		x		x		x		x
BOT 356/556 Phycology		x		x		x		x		x
BOT 358 Biology of the Microfungi	x		x		x		x		x	
BOT 359 Biology of the Asco- and Basidiomycetes		x		x		x		x		x
BOT 360 Biology of the Fleshy Fungi	x						x			
BOT 372 Evolutionary Morphology of Plants		x						x		
BOT 394 Forest Pathology					x				x	
BOT 450 Advanced Plant Taxonomy										
BOT 458 Pollination Biology		x		x		x		x		x
BOT 520 Plant Tissue Culture										
BOT 521 Paleobotany				x						x
BOT 531 Advanced Plant Ecology										
BOT 535 Forest Canopy Ecology										
BOT 553 Marine Macrophyte Ecology				x				x		
BOT 555 Lichenology										
ZOOL 110 Introductory Zoology	x	x	x	x	x	x	x	x	x	x
ZOOL 113 Human Physiology	x	x	x	x	x	x	x	x	x	x
ZOOL 270 Human Anatomy	x	x	x	x	x	x	x	x	x	x
ZOOL 310 Animal Physiology	x	x	x	x	x	x	x	x	x	x
ZOOL 312 Human Physiology		x		x		x		x		x
ZOOL 314 Invertebrate Zoology	x	x	x	x	x	x	x	x	x	x
ZOOL 316 Freshwater Aquatic Invertebrates		x				x				x
ZOOL 352 Natural History of the Vertebrates										
ZOOL 354 Herpetology		x		x		x		x		x
ZOOL 356 Mammalogy	x	x	x	x	x	x	x	x	x	x
ZOOL 358 General Entomology	x		x		x		x		x	

