

BIOLOGICAL SCIENCES COURSE OFFERINGS
(Updated Fall 2016 – Please Note that Summer Course Offerings are Not Guaranteed)

COURSE	NAME	CREDIT	LEC+LAB	SECTION CAP	OFFERED	PREREQUISITE
BIOL 101	Genetics: Human Aspects	4	3+2	24	F Sp	
BIOL 103	Biological Concepts	4	3+3	24	F Sp	
BIOL 108	Medical Microbiology	3	2+3	24	F Sp Sum	
BIOL 109	Basic Human Anatomy/Physiology	4	3+2	24	F Sp Sum	
BIOL 111	Environmental Biology	4	3+2	24	F Sp	
BIOL 114	Biology and Maintenance of Turf grass	4	3+2	24	Sum	
BIOL 116	Nature Study	4	3+2	24	F Sp Sum	
BIOL 121	General Biology 1	4	3+3	24	F Sp Sum	CHEM 121 concurrently
BIOL 122	General Biology 2	4	3+3	24	F Sp Sum	BIOL 121 (C-) & CHEM 121 (C-)
BIOL 190	Special Topics in Biology	1-4			As Needed	
BIOL 205	Human Anatomy/Physiology	5	4+3	24	F Sp Sum	CHEM 114 or CHEM 121 (C-)
BIOL 207	Forensic Biology	4	3+3	18	F	
BIOL 218	Microbial Ecology	3	2+3	24	Sp	BIOL 121 (C-)
BIOL 272	Marine Biology	3	3+0	24/20	Sp/Sum-online	
BIOL 280	Applied Fermentation	3	2+2	12	Sum	
BIOL 286	General Microbiology	3	2+3	24	F Sp Sum	CHEM 122 (C-)
BIOL 290	Special Topics in Biology	1-4			As Needed	
BIOL 297	Special Studies in Biology	1-6			As Needed	Consent of Professor, By Permit
BIOL 300	Pathophysiology	3	3+0	25	F Sp Sum	BIOL 205 or 322 (C-) & CHEM 214 or 321 (C-)
BIOL 301	Exercise Physiology	4	3+1	24	F	BIOL 205 or 322 (C-)
BIOL 310	Nutrition	3	3+0	24	Sum	BIOL 122 (C-) & CHEM 214 or 322 (C-)
BIOL 321	Human Physiology/Anatomy 1	4	3+3	24	F Sum	BIOL 122 (C-) & CHEM 122 (C-)
BIOL 322	Human Physiology/Anatomy 2	4	3+3	24	Sp Sum	BIOL 321 (C-)
BIOL 330	Zoology	4	3+3	24	Sp	BIOL 122 (C-)
BIOL 340	Evolution	3	3+0	24	F Sp	BIOL 122 (C-)
BIOL 343	Ornithology	3	2+3	24	F (Even Years)	BIOL 122 (C-)
BIOL 344	Entomology	3	2+3	24	F (Odd Years)	BIOL 122 (C-)
BIOL 345	Environmental Regulations	3	3+0	24	Sp	BIOL 122 (C-)
BIOL 346	Ecological Assessment	3	2+3	15	F	BIOL 122 (C-)
BIOL 347	Environmental Conservation	3	2+3	15	F	BIOL 122 (C-)
BIOL 348	Animal Behavior	3	3+0	25	F	BIOL 122 (C-)
BIOL 349	Medical Parasitology	3	2+3	24	Sp (Even Years)	BIOL 122 (C-)
BIOL 350	Plants and Fungi	4	3+3	24	Sp	BIOL 122 (C-)
BIOL 370	Developmental Biology	4	3+3	24	Sp	BIOL 375 (C-)
BIOL 373	Cell Biology	3	3+0	24	F Sp	BIOL 122 (C-) & CHEM 214 or 322 (C-)
BIOL 375	Principles of Genetics	3	3+0	25	F Sp	BIOL 122 (C-)
BIOL 386	Microbiology and Immunology	5	4+3	24	Sp Sum	BIOL 322 (C-) & CHEM 214 or 321 (C-)
BIOL 390	Special Topics in Biology	1-4			As Needed	
BIOL 397	Special Studies in Biology	1-6			As Needed	Consent of Professor, By Permit
BIOL 407	Forensic DNA Analysis	3	2+3	24	Sp	BIOL 207 (C-) & BIOL 375 (C-)
BIOL 421	Endocrinology	3	3+0	24	F (Even Years)	BIOL 205 or 322 (C-)
BIOL 423	Neurobiology	3	3+0	24	F (Odd Years)	BIOL 205 or 322 (C-)
BIOL 438	Microbiology and Immunology for Optometry	4	4+0	40	Sp	Optometry Students Only
BIOL 442	Ecology	3	2+3	15	Sp Sum	BIOL 122 (C-)
BIOL 450	Medical Botany	3	3+0	24	Sp	BIOL 122 (C-) & CHEM 214 (C-) or CHEM 321 (C-)
BIOL 453	Plant Physiology	4	3+3	24	F (Odd Years)	BIOL 122 (C-) & BIOL 350 (C-)
BIOL 460	Current Topics in Biology	2	2+0	15	F Sp	ENGL 311 or 321 or 323 (C-) & Senior Standing
BIOL 470	Molecular Genetics	4	4+0	24	Sp (Even Years)	BIOL 375 (C-) & CHEM 364 (C-)
BIOL 471	Recombinant DNA Lab	3	1+8	15	Sp	BIOL 375 (C-) & CHEM 333 (C-)
BIOL 472	Proteins	3	3+0	24	F (Odd Years)	BIOL 122 (C-) & CHEM 322 (C-)

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BIOL 473	Proteins Laboratory	3	1+8	15	F	CHEM 333 (C-)
BIOL 474	Advanced Cell/Molecular Biology	3	3+0	24	Sp (Odd Years)	BIOL 375 (C-) & CHEM 364 (C-)
BIOL 475	Bioinformatics	3	3+0	24	Sp (Even Years)	BIOL 375 (C-)
BIOL 476	Advanced Techniques in Biotechnology	2	1+2	15	F	BIOL 386 (C-) & CHEM 333 (C-)
BIOL 485	Biological Research	1-9			As Needed	Consent of Professor, By Permit
BIOL 490	Special Topics in Biology	1-4			As Needed	
BIOL 491	Biotechnology Internship	1-6			F Sp Sum	Biotechnology Student and Offer from a Firm, By Permit
BIOL 492	Biology Internship	1-9			F Sp Sum	By Permit
BIOL 497	Special Studies in Biology	1-6			F Sp Sum	Consent of Professor, By Permit
INBI 303	Integrated Ecology	4	3+3	16	F (Odd Years GR and Even Years BR)	BIOL 103 (C-) & PHSC 110 (C-) & PHSC 115 (C-)