Courses for Biology Major (Semester and Quarter equivalents)

Semester BIOL course number	Units	Group	Semester course title	Equivalent Quarter course #
2010	5		Principles of Biology I (Cellular Biology, Bacteria, Plants)	200, 201, and 202
2020	5		Principles of Biology II (Fungi, Animals, Populations)	
3100	4	A	Cell Biology	300
3520	3	C	Local Flora	319
3200	4	A	Microbiology	320
3700	4	D	Evolution	321
4630	5		Human Anatomy and Physiology I	323
4640	5		Human Anatomy and Physiology II	324
3410	4	B	Biology of Invertebrates	331
3460	3	B	Entomology	335
3400	3		Comparative Embryology	340
3420	5	B	Comparative Biology of the Vertebrates	342
3430	3	B	Mammalogy	343
3440	3	B	Herpetology	344
3450	3	B	Ornithology	345
3540	4	C	Plant biology and diversity	354
4580	3	C	Medical and Economic Botany	380
3120	4	A	Molecular Biology	400
3130	2		Biology of Stem Cells	413
4200	5		Medical Microbiology	420
3300	4	A	Genetics	423
3630	4	B	Comparative Animal Physiology I	424
3640	4	B	Comparative Animal Physiology II	
4270	5		Functional Microbial Genomics	427
4510	5	C	Plant Physiology	431
4400	4		Developmental Biology	440
3800	4	D	Ecology	450
5050	4		Biostatistics and Experimental Design	505
5130	3		Animal Tissue Culture	513
5840	4		Conservation Biology	514
5850	3		Global Change Biology	515
5160	2		Introduction to Regulatory Affairs in the Life Sciences	516
5170	2		Laboratory in Human Embryonic Stem Cell Culture	517
5720	4		Population Genetics	522
5420	3		Advanced Vertebrate Morphology	524
5820	3		Vertebrate Field Biology	525
5280	3		Advanced Molecular Genetics	528
5300	3		Microscopy	530

5550	4		Comparative Biomechanics	555
5860	4		Physiological Ecology	565
5320	4		Virology	572
5370	5		Immunology	573
5670	3		Endocrinology	576
5150	3		Neurobiology	580
5000	1		Biology Seminar	591
5310	4		Advanced Molecular Techniques	592
3820	4	D	Microbial Ecology	(new course)
5010	1		Ethics in Biological Research	(new course)
5100	4		Experimental Cellular Analysis	(new course)
5260	4		Genomics	(new course)