

Course Number	Course Name	Number of Credits
BIOL1010	Biological Principles I	3
BIOL1011	Biological Principles I Laboratory	1
BIOL1020	Biological Principle II	3
BIOL1021	Biological Principles II Laboratory	1
BIOL1060	Medical Terminology	3
BIOL2020	Biological Principles III	3
BIOL2021	Biological Principles III Laboratory	1
BIOL2030	Introduction to Geographic Information Systems	3
BIOL2031	Introduction to Geographic Information Systems Laboratory	1
BIOL2040	Introductory Animal Science	3
BIOL2050	Invertebrate Zoology	2
BIOL2051	Invertebrate Zoology Laboratory	2
BIOL2060	Microbiology I	3
BIOL2061	Microbiology I Laboratory	1
BIOL2070	Forensic Entomology	3
BIOL2071	Forensic Entomology Laboratory	1
BIOL2080	Comparative Anatomy	2
BIOL2081	Comparative Anatomy Laboratory	2
BIOL2090	Microbiology II	3
BIOL2091	Microbiology II Laboratory	1
BIOL2100	General Botany	2
BIOL2101	General Botany Laboratory	1
BIOL2120	Soil Science	2
BIOL2021	Soil Science Laboratory	1
BIOL2140	Introductory Plant Taxonomy	1
BIOL2141	Introductory Plant Taxonomy Laboratory	2
BIOL2150	Dendrology	2

BIOL2151	Dendrology Laboratory	1
BIOL2180	Natural Resources Policy	3
BIOL2190	Survey of Mycology	3
BIOL2200	General Parasitology	2
BIOL2201	General Parasitology Laboratory	2
BIOL2210	Microbiology for Nursing and Allied Health Majors	3
BIOL2240	Introductory Human Genetics (for Nursing and Allied Health Majors	3
BIOL2250	Anatomy and Physiology I for Nursing and Allied Health Majors	3
BIOL2251	Anatomy and Physiology I Laboratory for Nursing and Allied Health Majors	1
BIOL2260	Anatomy and Physiology II for Nursing and Allied Health Majors	3
BIOL2261	Anatomy and Physiology II Laboratory for Nursing and Allied Health Majors	1
BIOL2290	Introduction to Wildlife and Fisheries Management	3
BIOL2950	Biology Laboratory Teaching Practicum	1
BIOL2990	Environmental Law	3
BIOL3010	Entomology	2
BIOL3011	Entomology Laboratory	1
BIOL3020	Pharmacology	
BIOL3030	Diseases of Farm Animals	3
BIOL3040	Ornithology	2
BIOL3041	Ornithology Laboratory	1
BIOL3050	Principles of Animal Nutrition	3
BIOL3060	Biostatistics	3
BIOL3061	Biostatistics Laboratory	1
BIOL3090	Food Microbiology	2
BIOL3091	Food Microbiology Laboratory	2
BIOL3100	Soil Microbiology	3
BIOL3110	Geomicrobiology	3

BIOL3120	Microbiology of Wastewater	3
BIOL3130	Survey of Applied Genomics	3
BIOL3140	Herpetology	2
BIOL3141	Herpetology Laboratory	1
BIOL3170	Histology	2
BIOL3171	Histology Laboratory	2
BIOL3220	Wildlife Management and Techniques	3
BIOL3221	Wildlife Management and Techniques Laboratory	1
BIOL3250	Cell Biology	3
BIOL3251	Cell Biology Laboratory	1
BIOL3270	Genetics	3
BIOL3271	Genetics Laboratory	1
BIOL3280	Evolution	3
BIOL3290	Epidemiology	3
BIOL3310	Human Anatomy and Physiology I	3
BIOL3311	Human Anatomy and Physiology I Laboratory	1
BIOL3320	Human Anatomy and Physiology II	3
BIOL3321	Human Anatomy and Physiology II Laboratory	1
BIOL3330	Dairy and Agrarian Microbiology and Regulations	3
BIOL3340	Animal Behavior	3
BIOL3341	Animal Behavior Laboratory	1
BIOL3500	Forensic Death Investigation	3
BIOL3501	Forensic Death Investigation Laboratory	1
BIOL3900	Special Topics in Biology	1 to 3
BIOL3901	Special Topics in Biology Laboratory	1 to 3
BIOL4040	Mammology	3
BIOL4041	Mammology Laboratory	1

BIOL4050	Bioremediation	3
BIOL4120	Pathogenic Microbiology	3
BIOL4121	Pathogenic Microbiology Laboratory	1
BIOL4150	Animal Breeding	3
BIOL4160	Biological Sciences Instrumentation	1
BIOL4161	Biological Sciences Instrumentation Laboratory	2
BIOL4170	Limnology-Aquatic Biology	2
BIOL4171	Limnology-Aquatic Biology Laboratory	1
BIOL4180	Biology of Fishes	2
BIOL4181	Biology of Fishes Laboratory	1
BIOL4190	Immunology	3
BIOL4191	Immunology Laboratory	1
BIOL4210	Applied Microbiology	2
BIOL4211	Applied Microbiology Laboratory	2
BIOL4220	Comparative Vertebrate Physiology	3
BIOL4221	Comparative Vertebrate Physiology Laboratory	1
BIOL4270	Virology	3
BIOL4280	Pathophysiology	3
BIOL4300	Molecular Biology I	3
BIOL4301	Molecular Biology I Laboratory	1
BIOL4310	Molecular Biology II	3
BIOL4311	Molecular Biology II Laboratory	1
BIOL4320	Cancer Biology	3
BIOL4350	Biological Chemistry I	3
BIOL4351	Biological Chemistry I Laboratory	1
BIOL4360	Biological Chemistry II	3
BIOL4361	Biological Chemistry II Laboratory	1

BIOL4400	General Ecology	3
BIOL4401	General Ecology Laboratory	1
BIOL4730	Clinical Hematology and Coagulation (for Clinical Laboratory Science ONLY)	6
BIOL4740	Clinical Urinalysis (for Clinical Laboratory Science ONLY)	2
BIOL4750	Clinical Chemistry (for Clinical Laboratory Science ONLY)	8
BIOL4760	Clinical Immunology and Serology (for Clinical Laboratory Science ONLY)	2
BIOL4770	Clinical Microbiology (for Clinical Laboratory Science ONLY)	7
BIOL4780	Clinical Immunohematology (for Clinical Laboratory Science ONLY)	4
BIOL4790	Laboratory Management (for Clinical Laboratory Science ONLY)	1
BIOL4900	Undergraduate Seminar	1
BIOL4910	Critical Reading	1
BIOL4920	Special Problems in Marine Science	1 to 4
BIOL4930	Microbial Physiology	3
BIOL4940	Problems in Biological Sciences	1 to 3
BIOL4960	Wildlife Management Practicum	2
BIOL4990	Capstone Course for Microbiology	3