

Course	Course Title	Creds	DEC	SBC	BIO MAJ/MIN	F18	W19	SP19	SU19	F19	W20	SP20	SU20	F20	W21	SP21	SU21	F21	W22	SP22	SU22	F22
BIO 103	Introduction to Biotechnology	3	E	SNW	No / No	F18				F19				F20				F21				F22
BIO 113	General Ecology	3	E	SNW	No / No																	
BIO 114	Dinosaur Paleontology	3	E	SNW	No / No				SU II 19				SU II 20 online				SU II 21 online				SU II 22	
BIO 115	Evolution and Society	3	E	SNW	No / No																	
BIO 201	Fundamentals of Biology: Organisms to Ecosystems	3	E	SNW	Yes / Yes	F18		SP19	SU I EXT 19 online	F19		SP20	SU I EXT 20 online	F20		SP21		F21		SP22		F22
BIO 202	Fundamentals of Biology: Molecular and Cellular Biology	3	E	STEM+	Yes / Yes	F18		SP19	SU I EXT 19 online	F19		SP20	SU I EXT 20 online	F20		SP21	SU I EXT 21 online	F21		SP22	SU I EXT 22 online	F22
BIO 203	Fundamentals of Biology: Cellular and Organ Physiology	3	E	STEM+	Yes / Yes	F18		SP19	SU I 19	F19		SP20	SU I 20 online	F20		SP21	SU I 21	F21		SP22	SU I 22 online	F22
BIO 204	Fundamentals of Scientific Inquiry in the Biological Sciences I	2			Yes / Yes	F18			SU I 19	F19		SP20		F20		SP21	SU I 21	F21		SP22	SU I 22	F22
BIO 205	Fundamentals of Scientific Inquiry in the Biological Sciences IIA	2			Yes / Yes			SP19	SU II 19			SP20								SP22	SU II 22	
BIO 207	Fundamentals of Scientific Inquiry in the Biological Sciences IIB	2			Yes / Yes			SP19						F20		SP21	SU II 21 online					
BIO 208	Cell, Brain, Mind	3	H	STAS	No / No			SP19				SP20										
BIO 211	Statistics & Data Analysis	3	C	STEM+	Yes / No	F18		SP19	SU II 19	F19			SU II 20 online	F20		SP21		F21		SP22		F22
BIO 231	Cannabis: History, Culture, Science & Medicinal Uses	3		STAS	No / No								SU II 20 online				SU II 21 online					
BIO 299	Advanced Microbiology for Nursing and Allied Health (formerly BIO 266 Allied Health Microbiology Laboratory, 3 credits)	4			No / No		W19		SU I EXT 19		W20				W21		SU I 21		W22		SU I 22	
BIO 306	Principles of Virology	3		ESI / STEM+	Yes / Yes																	
BIO 310	Cell Biology	3			Yes / Yes			SP19	SU II EXT 19 online			SP20	SU II EXT 20 online			SP21	SU II EXT 21 online			SP22	SU II EXT 22 online	
BIO 311	Techniques in Molecular and Cellular Biology	3		ESI	Yes / Yes																	
BIO 312	Bioinformatics and Computational Biology	3		ESI / TECH	Yes / Yes	F18				F19				F20				F21			SU I 22 online	F22
BIO 314	Cancer Biology	3			Yes / Yes	F18			SU II EXT 19 online	F19			SU II EXT 20 online	F20			SU II EXT 21 online	F21			SU II EXT 22 online	F22
BIO 315	Microbiology	3			Yes / Yes			SP19	SU I 19			SP20	SU I 20 online			SP21	SU I 21 online			SP22	SU I 22	
BIO 316	Molecular Immunology	3			Yes / Yes				SU I 19				SU I 20 online				SU I 21 online				SU I 22 online	
BIO 317	Principles of Cellular Signaling	3			Yes / Yes	F18				F19				F20				F21				F22
BIO 319	Landscape Ecology Laboratory	3		ESI	Yes / Yes	F18				F19				F20				F21				F22
BIO 320	General Genetics	3			Yes / Yes			SP19	SU I EXT 19			SP20	SU I EXT 20 online			SP21	SU I EXT 21 online			SP22	SU I EXT 22 online	
BIO 321	Ecological Genetics	3			Yes / Yes	F18				F19			SU II EXT 20 online			SP21	SU II EXT 21 online			SP22		
BIO 325	Animal Development	3			Yes / Yes	F18				F19				F20				F21				F22
BIO 327	Developmental Genetics Laboratory	3		ESI	Yes / Yes			SP19				SP20				SP21				SP22		
BIO 328	Mammalian Physiology	3			Yes / Yes			SP19				SP20				SP21				SP22		
BIO 332	Computational Modeling of Physiological Systems	3			Yes / Yes			SP19				SP20				SP21				SP22		
BIO 334	Principles of Neurobiology	3			Yes / Yes			SP19	SU II 19			SP20	SU II 20 online			SP21	SU II 21 online			SP22	SU II 22	
BIO 335	Neurobiology Laboratory	3		ESI	Yes / Yes	F18				F19				F20				F21				F22
BIO 336	Conservation Biology	3	H	STAS	Yes / Yes	F18				F19										SP22		F22
BIO 337	Neurotransmission and Neuromodulation	3			Yes / Yes			SP19				SP20				SP21				SP22		
BIO 338	Synapse to Circuit: Self-organization of the Brain	3			Yes / Yes	F18				F19				F20				F21				
BIO 339	Molecular Development of the Nervous System	3			Yes / Yes			SP19				SP20				SP21				SP22		
BIO 340	Zoology	4			Yes / Yes																	
BIO 341	Plant Diversity	4			Yes / Yes			SP19								SP21						
BIO 342/343	Invertebrate Zoology/Lab (formerly BIO 343, 4 credits)	5		STEM+	Yes / Yes	F18				F19				F20								F22
BIO 344	Chordate Zoology	4			Yes / Yes			SP19	SU I 19			SP20				SP21				SP22		
BIO 347	Introduction to Neural Computation	3		STEM+	Yes / Yes									F20				F21				F22
BIO 348	Diversity and Evolution of Reptiles and Amphibians	3			Yes / Yes																	
BIO 350	Darwinian Medicine	3	H	STAS	Yes / Yes																	
BIO 351	Ecology	3	H	STEM+	Yes / Yes	F18				F19				F20			SU I 21 online	F21				F22
BIO 352	Ecology Laboratory	3		ESI	Yes / Yes	F18				F19				F20				F21				F22
BIO 353	Marine Ecology	3		STEM+	Yes / Yes			SP19	SU I 19			SP20				SP21				SP22		

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BIO 354	Evolution	3			Yes / Yes	F18			SU I 19 online	F19			SU I 20 online	F20				F21			SU I 22 online	F22
BIO 356	Applied Ecology & Conservation Biology Laboratory	2		ESI	Yes / Yes			SP19	SU I 19			SP20				SP21				SP22		
BIO 358	Biology and Human Social and Sexual Behavior	3	H	ESI / STAS	Yes / Yes			SP19	SU I EXT 19 online			SP20	SU I EXT 20 online			SP21	SU I EXT 21 online			SP22	SU I EXT 22 online	
BIO 361	Biochemistry I	3			Yes / Yes	F18			SU I EXT online and SU II EXT 19	F19		SP20	SU I EXT 20 online	F20		SP21	SU I EXT 21 online	F21		SP22	SU I EXT 22 online	F22
BIO 362	Biochemistry II	3			Yes / Yes			SP19				SP20				SP21				SP22		
BIO 364	Laboratory Techniques in Cancer Biology	3			Yes / Yes	F18				F19				F20		SP21		F21				F22
BIO 365	Biochemistry Laboratory	2		ESI	Yes / Yes	F18				F19				F20				F21				F22
BIO 366	Molecular Microbiology Laboratory	4			Yes / Yes	F18				F19				F20				F21				F22
BIO 367	Molecular Diversity Laboratory	3			Yes / Yes			SP19														
BIO 368	Food Microbiology	2			Yes / Yes								SU II 20 online									
BIO 369	Animal Nutrition	3			Yes / Yes															SP22		
BIO 371	Restoration of Aquatic Ecosystems	4	H	STAS	Yes / Yes	F18																
BIO 380	Entomology	4			Yes / Yes																	
BIO 383	Paleobiology	3		STEM+	Yes / Yes															SP22		
BIO 384	Intermediate Statistics	3		STEM+	Yes / Yes													F21				F22
BIO 385	Plant Ecology	3	H	STAS	Yes / Yes							SP20								SP22		
BIO 386 / ENS 311	Ecosystem Ecology and the Global Environment (not for credit in addition to ENS 311)	3	H	STAS	Yes / Yes			SP19				SP20				SP21						
BIO 458	Speak Effectively Before an Audience	0		SPK		F18		SP19	SU I and SU II 19	F19		SP20	SU I 20 and SU II 20	F20		SP21	SU I 21 and SU II 21	F21		SP22	SU I 22 and SU II 22	F22
BIO 459	Write Effectively in Biology	0		WRTD		F18		SP19	SU I and SU II 19	F19		SP20	SU I 20 and SU II 20	F20		SP21	SU I 21 and SU II 21	F21		SP22	SU I 22 and SU II 22	F22
BIO 511	Topics in Biotechnology	3			Yes / Yes				SU I 19				SU I 20 online					F21			SU I 22	
BIO 515	Current Topics in Microbiology	3			Yes / Yes									F20						SP22		
AMS 210	Applied Linear Algebra	3		STEM+	Yes / No	F18	W19	SP19	SU II 19	F19	W20	SP20	SU II 20 online	F20	W21	SP21	SU II 21 online	F21	W22	SP22	SU II 22 online	F22
AMS 261	Applied Calculus III	4		STEM+	Yes / No	F18		SP19	SU I 19	F19		SP20	SU I 20 online	F20		SP21	SU I 21 online	F21		SP22	SU I 22 online	F22
AMS 333	Mathematical Biology	3		EXP+ / WRTD	Yes / No	F18				F19				F20				F21				F22
ANP 101	Human Biology (formerly BIO 101 until F19)	3	E	SNW	No / No				SU I 19	F19										SP22		F22
ANP 304	Ecology: Linking People and Nature / Turkana Basin	3	E	SNW	Yes / No			SP19														
ANP 305	Vertebrate Paleontology and Paleocology / Turkana Basin	3		SNW	Yes / No			SP19														
ANP 306	Human Evolution / Turkana Basin	3		STEM+	Yes / No			SP19														
ANP 307	Comparing Ecosystems in Madagascar	3			Yes / No																SU I 22 (Madagascar)	
ANP 326	Lemurs of Madagascar	3	E	STEM+	Yes / No																	
ANP 350	Methods in Studying Primates	3			Yes / No	F18			SU I 19	F19											SU I 22 (Madagascar)	
ANP 351	Biodiversity Assessment Methods for Tropical Field Research	3			Yes / No																	
ANP 360	Primate Conservation	3	H	STAS	Yes / No											SP21				SP22		
ANP 391	Topics in Biological Anthropology	3			Yes / No			SP19														
ATM 305	Global Atmospheric Change	3	E	STEM+	Yes / No			SP19								SP21						
ATM 397	Air Pollution and its Control	3		CER	Yes / No			SP19								SP21				SP22		
BCP 401	Principles of Pharmacology	4			Yes / No	F18				F19								F21				F22
BME 100	Introduction to Biomedical Engineering	3		TECH	Yes / No	F18			SU I 19	F19			SU II 20 online				SU II 21 online	F21			SU II 22 online	F22
BME 301	Biophotonics (formerly Bioelectricity)	3			Yes / No	F18		SP19		F19						SP21				SP22		
BME 303	Biomechanics	3	H	STAS	Yes / No	F18				F19								F21				F22
BME 304	Genetic Engineering	3	H	STAS	Yes / No	F18		SP19		F19						SP21				SP22		
BME 311	Fundamentals of Macro to Molecular Bioimaging	3			Yes / No	F18		SP19		F19								F21		SP22		F22
BME 313	Bioinstrumentation	3			Yes / No	F18				F19								F21				
BME 353	Introduction to Biomaterials	3			Yes / No	F18				F19								F21				F22
BME 371	Biological Microfluidics	3			Yes / No	F18				F19								F21				F22
BME 381	Nanofabrication in Biomedical Applications	3			Yes / No			SP19								SP21				SP22		
BME 402	Contemporary Biotechnology	3			Yes / No	F18				F19								F21				F22
BME 404	Essentials of Tissue Engineering	3			Yes / No			SP19								SP21				SP22		
BME 481	Biosensors	3			Yes / No	F18				F19								F21				
CHE 346	Biomolecular Structure and Reactivity	3			Yes / No	F18				F19				F20				F21				F22

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CSE 130	Introduction to Programming in C	3			Yes / No																	
EBH 302	Human Genetics (formerly BIO 302)	3			Yes / Yes	F18				F19		SP20		F20				F21				F22
EBH 316 / ANP 316	Evolution of the Human Brain (formerly ANP 316)	3	E	STEM+	Yes / No			SP19								SP21		F21				F22
EBH 331	Hormones and Behavior	3		STEM+	Yes / No							SP20								SP22		
EBH 359	Behavioral Ecology (formerly BIO 359)	3	E	STEM+	Yes / Yes	F18				F19								F21		SP22		
EBH 370	Advanced Human Genetics (formerly BIO 303)	3		TECH	Yes / Yes											SP21						
EBH 380	Genomics (formerly BIO 304)	3			Yes / Yes	F18				F19				F20								
EBH 381	Genomics Laboratory (formerly BIO 305)	3		TECH	Yes / Yes															SP22		
ENS 311	Ecosystem Ecology and the Global Environment (not for credit in addition to BIO 386)	3			Yes / No											SP21						
ENV 301	Sustainability of the Long Island Pine Barrens	3	H	STAS SPK STAS	Yes / No								SU I 20 online				SU I 21				SU I 22	
ESE 271	Electrical Circuit Analysis	4			Yes / No	F18		SP19	SU I 19	F19			SU I EXT 20 online	F20		SP21	SU I EXT 21 online	F21		SP22	SU I EXT 22 online	F22
ESG 111	Programming for Engineers	3			Yes / No	F18		SP19	SU I 19	F19			SU I 20 online	F20		SP21	SU I 21 online	F21		SP22	SU I 22 online	F22
MAR 301	Environmental Microbiology	4			Yes / No	F18				F19				F20				F21				F22
MAR 302	Marine Microbiology and Microbial Ecology	3			Yes / No			SP19								SP21						
MAR 303	Long Island Marine Habitats	4		STEM+	Yes / No	F18				F19				F20				F21				F22
MAR 305	Experimental Marine Biology	3		STEM+	Yes / No	F18				F19				F20				F21				F22
MAR 315	Marine Conservation	3	H	ESI / STAS	Yes / No			SP19								SP21				SP22		
MAR 318	Engineering Geology and Coastal Processes	3		STEM+	Yes / No																	
MAR 320	Limnology	4		STEM+	Yes / No			SP19				SP20				SP21				SP22		
MAR 333	Coastal Oceanography	3	H	STEM+	Yes / No			SP19								SP21				SP22		
MAR 366	Plankton Ecology	3			Yes / No																	
MAR 370	Marine Mammals	3			Yes / No	F18		SP19						F20				F21				F22
MAR 373	Marine Apex Predators: Ecology and Conservation	3			Yes / No			SP19														
MAR 375	Marine Mammal and Sea Turtle Rehabilitation	3			Yes / No											SP21				SP22		
MAR 376	Biology and Conservation of Sea Turtles	3			Yes / No											SP21				SP22		
MAR 377	Biology and Conservation of Seabirds	3			Yes / No			SP19								SP21				SP22		
MAR 380	Ichthyology	3		ESI / WRD	Yes / No	F18				F19				F20				F21				F22
MAR 384	Diseases of Aquatic Organisms	3		STEM+	Yes / No			SP19								SP21				SP22		
MAR 386	Ecosystem Science for Ecosystem Science for Fisheries Management	3			Yes / No																	F22
MAR 388	Tropical Marine Ecology	4		ESI / EXP+ / STEM+	Yes / No		W19				W20											
MEC 260	Engineering Statics	3			Yes / No	F18		SP19		F19			SU II EXT 20 online	F20		SP21	SU II EXT 21 online	F21		SP22	SU II EXT 22 online	F22
RELATED COURSE OFFERINGS																						
AMS 110	Probability and Statistics in the Life Sciences	3		QPS		F18	W19	SP19	SU II 19	F19	W20	SP20	SU II 20 online	F20	W21	SP21	SU II 21 online	F21	W22	SP22	SU II 22 online	F22
AMS 151	Applied Calculus I	3	C	QPS		F18	W19	SP19	SU II 19	F19	W20	SP20	SU I 20 online	F20	W21	SP21	SU I 21 online	F21	W22	SP22	SU I 22 online	F22
AMS 161	Applied Calculus II	3	C	QPS		F18	W19	SP19	SU I 19	F19	W20	SP20	SU I 20 online	F20	W21	SP21	SU I 21 online	F21	W22	SP22	SU I 22 online	F22
AMS 310	Survey of Probability and Statistics	3		STEM+		F18	W19	SP19	SU I 19	F19	W20	SP20	SU I 20 online	F20	W21	SP21	SU I 21 online	F21	W22	SP22	SU I 22 online	F22
CHE 129	General Chemistry IA	4	E	SNW		F18				F19				F20				F21				F22
CHE 130	Problem Solving in General Chemistry	1				F18				F19				F20				F21				F22
CHE 131	General Chemistry IB	4	E	SNW		F18		SP19	SU I 19	F19		SP20	SU I 20 online and SU II 20 online	F20		SP21	SU I 21 online and SU II 21 online	F21		SP22	SU I 22 online and SU II 22 online	F22
CHE 132	General Chemistry II	4	E	SNW		F18		SP19	SU II 19	F19		SP20	SU II 20 online	F20		SP21	SU II 21 online	F21		SP22	SU II 22 online	F22
CHE 133	General Chemistry Laboratory I	1				F18	W19		SU I 19	F19	W20		SU II EXT 20 online	F20			SU I 21 online	F21		SP22	SU I 22 online	F22
CHE 134	General Chemistry Laboratory II	1						SP19	SU II 19			SP20	SU II EXT 20 online			SP21	SU II 21 online			SP22	SU II 22 online	
CHE 152	Molecular Science I	4	E	SNW		F18				F19				F20				F21				F22
CHE 154	Molecular Science Laboratory I	2				F18				F19				F20				F21				F22
CHE 301	Physical Chemistry I	4		STEM+		F18				F19				F20				F21				F22

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CHE 312	Physical Chemistry for the Life Sciences	3		STEM+				SP19	SU I 19			SP20	SU I 20 online			SP21	SU I 21 online			SP22	SU I 22 online	
CHE 321	Organic Chemistry I	4		STEM+		F18			SU I 19	F19			SU I 20 online	F20			SU I 21 online	F21			SU I 22	F22
CHE 322	Organic Chemistry IIA	4						SP19	SU II 19			SP20	SU II 20 online			SP21	SU II 21 online			SP22	SU II 22	
CHE 326	Organic Chemistry IIB	4																				
CHE 327	Organic Chemistry Laboratory	2				F18	W19	SP19	SU I 19	F19	W20	SP20	SU II 20 online	F20	W21	SP21	SU I 21	F21	W22	SP22	SU I 22	F22
CHE 331	Molecular Science II	4		STEM+				SP19				SP20				SP21				SP22		
CHE 332	Molecular Science III	4				F18				F19				F20				F21				F22
CHE 383	Introductory Synthetic and Spectroscopic Laboratory Techniques	2		ESI				SP19				SP20				SP21				SP22		
EBH 230	Computer-based Biostatistics (formerly ANP 230)	4	C	QPS		F18				F19						SP21		F21				F22
MAP 103	Proficiency Algebra	3	S1			F18		SP19	SU II 19	F19		SP20	SU II 20 online	F20		SP21	SU II 21 online	F21		SP22	SU II 22 online	F22
MAT 123	Precalculus	3	C	QPS		F18	W19	SP19	SU I and SU II 19	F19	W20	SP20	SU I 20 online and SU II 20 online	F20	W21	SP21	SU I 21 online and SU II 21 online	F21	W22	SP22	SU I 22 and SU II 22	F22
MAT 125	Calculus A	3	C	QPS		F18		SP19	SU I and SU II 19	F19		SP20	SU I 20 online and SU II 20 online	F20		SP21	SU I 21 online and SU II 21 online	F21		SP22	SU I 22 and SU II 22	F22
MAT 126	Calculus B	3	C	QPS		F18		SP19	SU I and SU II 19	F19		SP20	SU I 20 online and SU II 20 online	F20		SP21	SU I 21 online and SU II 21 online	F21		SP22	SU I 22 and SU II 22	F22
MAT 127	Calculus C	3	C	QPS		F18		SP19	SU II 19	F19		SP20	SU II 20 online	F20		SP21	SU II 21 online	F21		SP22	SU II 22	F22
MAT 131	Calculus I	4	C	QPS		F18		SP19	SU I 19	F19		SP20	SU I 20 online and SU II 20 online	F20		SP21	SU I 21 online and SU II 21 online	F21		SP22	SU I 22	F22
MAT 132	Calculus II	4	C	QPS		F18		SP19	SU II 19	F19		SP20	SU II 20 online	F20		SP21	SU II 21 online	F21		SP22	SU II 22	F22
MAT 141	Analysis I	4	C	QPS																		
MAT 142	Analysis II	4		QPS																		
MAT 171	Accelerated Single-Variable Calculus	4	C	QPS																		
PHY 121	Physics for the Life Sciences I	4	E	SNW		F18			SU I 19	F19			SU I 20 online	F20			SU I 21 online	F21			SU I 22 online	F22
PHY 122	Physics for the Life Sciences II	4	E	SNW				SP19	SU II 19			SP20	SU II 20 online			SP21	SU II 21 online			SP22	SU II 22 online	
PHY 125	Classical Physics A	4	E	SNW		F18		SP19		F19		SP20		F20		SP21		F21		SP22		F22
PHY 126	Classical Physics B	3	E	SNW		F18			SU I 19	F19			SU I 20 online	F20			SU I 21 online	F21			SU I 22 online	F22
PHY 127	Classical Physics C	3	E	SNW				SP19	SU II 19			SP20	SU II 20 online			SP21	SU II 21 online			SP22	SU II 22 online	
PHY 131	Classical Physics I	3	E	SNW		F18		SP19	SU I 19	F19		SP20	SU I 20 online	F20		SP21	SU I 21 online	F21		SP22	SU I 22 online	F22
PHY 132	Classical Physics II	3	E	SNW		F18		SP19	SU II 19	F19		SP20	SU II 20 online	F20		SP21	SU II 21 online	F21		SP22	SU II 22 online	F22
PHY 133	Classical Physics Laboratory I	1				F18		SP19	SU I 19	F19		SP20	SU I 20 online	F20		SP21	SU I 21 online	F21		SP22	SU I 22 online	F22
PHY 134	Classical Physics Laboratory II	1				F18		SP19	SU II 19	F19		SP20	SU II 20 online	F20		SP21	SU II 21 online	F21		SP22	SU II 22 online	F22
PHY 141	Classical Physics I: Honors	4	E	SNW		F18				F19				F20				F21				F22
PHY 142	Classical Physics II: Honors	4	E	SNW				SP19				SP20				SP21				SP22		