

	Course Title	Creds	DEC	SBC	BIO MAJ/MIN	W20	SP20	SU20	F20	W21	SP21	SU21	F21	W22	SP22	SU22	F22	W23	SP23	SU23	F23	W24	SP24	SU24	F24	W25	SP25
BIO 103	Introduction to Biotechnology	3	E	SNW	No / No				F20				F21				F22				F23				F24		
BIO 113	General Ecology	3	E	SNW	No / No																						
BIO 114	Dinosaur Paleontology	3	E	SNW	No / No			SU II 20 online				SU II 21 online				SU II 22				SU II 22				SU II 24			
BIO 115	Evolution and Society	3	E	SNW	No / No																						
BIO 201	Fundamentals of Biology: Organisms to Ecosystems	3	E	SNW	Yes / Yes		SP20	SU I EXT 20 online	F20		SP21		F21		SP22		F22		SP23		F23		SP24		F24		SP25
BIO 202	Fundamentals of Biology: Molecular and Cellular Biology	3	E	STEM+	Yes / Yes		SP20	SU I EXT 20 online	F20		SP21	SU I EXT 21 online	F21		SP22	SU I EXT 22 online	F22		SP23 online	SU I EXT 23 online	F23		SP24	SU I EXT 24 online	F24		SP25
BIO 203	Fundamentals of Biology: Cellular and Organ Physiology	3	E	STEM+	Yes / Yes		SP20	SU I 20 online	F20		SP21	SU I 21	F21		SP22	SU I 22 online	F22		SP23 online	SU I 23 online	F23		SP24	SU I 24 online	F24		SP25
BIO 204	Fundamentals of Scientific Inquiry in the Biological Sciences I	2			Yes / Yes		SP20		F20		SP21	SU I 21	F21		SP22	SU I 22	F22		SP23	SU I 23	F23		SP24	SU I 24	F24		SP25
BIO 205	Fundamentals of Scientific Inquiry in the Biological Sciences IIA	2			Yes / Yes		SP20								SP22	SU II 22			SP23				SP24				SP25
BIO 207	Fundamentals of Scientific Inquiry in the Biological Sciences IIB	2			Yes / Yes				F20		SP21	SU II 21 online									F23			SU I 24	F24		
BIO 208	Cell, Brain, Mind	3	H	STAS	No / No		SP20																SP24				SP25
BIO 211	Statistics & Data Analysis	3	C	STEM+	Yes / No			SU II 20 online	F20		SP21		F21		SP22		F22		SP23				SP24				SP25
BIO 231	Cannabis: History, Culture, Science & Medicinal Uses	3		STAS	No / No			SU II 20 online				SU II 21 online								SU I 23				SU II 24 online			
BIO 299	Advanced Microbiology for Nursing and Allied Health (formerly BIO 266 Allied Health Microbiology Laboratory, 3 credits)	4			No / No	W20				W21		SU I 21		W22		SU I 22				SU I 23				SU I 24			
BIO 306*	Principles of Virology	3		ESI / STEM+	Yes / Yes																						
BIO 310	Cell Biology	3			Yes / Yes		SP20	SU II EXT 20 online			SP21	SU II EXT 21 online			SP22	SU II EXT 22 online			SP23	SU II EXT 23 online			SP24	SU II EXT 24 online			SP25
BIO 311*	Techniques in Molecular and Cellular Biology	3		ESI	Yes / Yes																						
BIO 312	Bioinformatics and Computational Biology	3		ESI / TECH	Yes / Yes				F20				F21			SU I 22 online	F22				F23				F24		
BIO 314	Cancer Biology	3			Yes / Yes			SU II EXT 20 online	F20			SU II EXT 21 online	F21			SU II EXT 22 online	F22			SU II EXT 23 online	F23 online			SU II EXT 24 online			
BIO 315	Microbiology	3			Yes / Yes		SP20	SU I 20 online			SP21	SU I 21 online			SP22	SU I 22			SP23	SU I 23			SP24 online	SU I 24 online			SP25 online
BIO 316	Molecular Immunology	3			Yes / Yes			SU I 20 online				SU I 21 online				SU I 22 online				SU I 23 online				SU I 24 online			
BIO 317	Principles of Cellular Signaling	3			Yes / Yes				F20				F21				F22				F23				F24		
BIO 319	Landscape Ecology Laboratory	3	E	ESI	Yes / Yes				F20				F21				F22				F23				F24		
BIO 320	General Genetics	3			Yes / Yes		SP20	SU I EXT 20 online			SP21	SU I EXT 21 online			SP22	SU I EXT 22 online			SP23	SU I EXT 23 online			SP24	SU I EXT 24 online			SP25
BIO 321	Ecological Genetics	3			Yes / Yes			SU II EXT 20 online			SP21	SU II EXT 21 online			SP22				SP23				SP24				SP25
BIO 325	Animal Development	3			Yes / Yes				F20				F21				F22				F23				F24		
BIO 327	Developmental Genetics Laboratory	3		ESI	Yes / Yes		SP20				SP21				SP22				SP23				SP24				SP25
BIO 328	Mammalian Physiology	3			Yes / Yes		SP20				SP21				SP22				SP23				SP24				SP25
BIO 332	Computational Modeling of Physiological Systems	3			Yes / Yes		SP20				SP21				SP22				SP23				SP24				SP25
BIO 334	Principles of Neurobiology	3			Yes / Yes		SP20	SU II 20 online			SP21	SU II 21 online			SP22	SU II 22			SP23	SU II 23			SP24	SU II 24			SP25
BIO 335	Neurobiology Laboratory	3		ESI	Yes / Yes				F20				F21				F22				F23				F24		
BIO 336	Conservation Biology	3	H	STAS	Yes / Yes										SP22		F22				F23				F24		
BIO 337	Neurotransmission and Neuromodulation	3			Yes / Yes		SP20				SP21				SP22				SP23				SP24				SP25
BIO 338	Synapse to Circuit: Self-organization of the Brain	3			Yes / Yes				F20				F21														
BIO 339	Neurobiology of Disease	3			Yes / Yes		SP20				SP21				SP22				SP23				SP24		F24		
BIO 340*	Zoology	4			Yes / Yes																						
BIO 341	Plant Diversity	4			Yes / Yes						SP21												SP24				SP25
BIO 342/343	Invertebrate Zoology/Lab (formerly BIO 343, 4 credits)	5		STEM+	Yes / Yes				F20								F22				F23				F24		
BIO 344	Chordate Zoology	4			Yes / Yes		SP20				SP21				SP22				SP23				SP24				SP25
BIO 347	Introduction to Neural Computation	3		STEM+	Yes / Yes				F20				F21				F22				F23				F24		
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				F20			SU I 21 online	F21				F22				F23				F24		
BIO 352	Ecology Laboratory	3		ESI	Yes / Yes				F20				F21				F22				F23				F24		
BIO 353	Marine Ecology	3		STEM+	Yes / Yes		SP20				SP21				SP22												
BIO 354	Evolution	3			Yes / Yes			SU I 20 online	F20				F21			SU I 22 online	F22				F23				F24		
BIO 356	Applied Ecology & Conservation Biology Laboratory	2		ESI	Yes / Yes		SP20				SP21				SP22				SP23				SP24				SP25
BIO 358	Biology and Human Social and Sexual Behavior	3	H	ESI / STAS	Yes / Yes		SP20	SU I EXT 20 online			SP21	SU I EXT 21 online			SP22	SU I EXT 22 online			SP23	SU I EXT 23 online			SP24	SU I EXT 24 online			SP25
BIO 361	Biochemistry I	3			Yes / Yes		SP20	SU I EXT 20 online	F20		SP21	SU I EXT 21 online	F21		SP22	SU I EXT 22 online	F22		SP23	SU I EXT 23 online	F23		SP24	SU I EXT 24 online	F24		SP25
BIO 362	Biochemistry II	3			Yes / Yes		SP20				SP21				SP22				SP23				SP24				SP25
BIO 364	Laboratory Techniques in Cancer Biology	3			Yes / Yes				F20		SP21		F21				F22				F23				F24		
BIO 365	Biochemistry Laboratory	2		ESI	Yes / Yes				F20				F21				F22		SP23		F23		SP24		F24		SP25

Course Title		Creds	DEC	SBC	BIO MAJ/MIN	W20	SP20	SU20	F20	W21	SP21	SU21	F21	W22	SP22	SU22	F22	W23	SP23	SU23	F23	W24	SP24	SU24	F24	W25	SP25	
BIO 366	Molecular Microbiology Laboratory	4			Yes / Yes				F20				F21				F22				F23				F24			
BIO 367	Molecular Diversity Laboratory	3			Yes / Yes														SP23									
BIO 368	Food Microbiology	2			Yes / Yes			SU II 20 online																				
BIO 369	Animal Nutrition	3			Yes / Yes										SP22					SP23				SP24			SP25	
BIO 371*	Restoration of Aquatic Ecosystems	4	H	STAS	Yes / Yes																							
BIO 380*	Entomology	4			Yes / Yes																							
BIO 383	Paleobiology	3		STEM*	Yes / Yes										SP22								SP24					
BIO 384	Intermediate Statistics	3		STEM*	Yes / Yes								F21				F22											
BIO 385	Plant Ecology	3	H	STAS	Yes / Yes		SP20								SP22			F22					SP24					
BIO 386 / ENS 311	Ecosystem Ecology and the Global Environment (not for credit in addition to ENS 311)	3	H	STAS	Yes / Yes		SP20				SP21									SP23			SP24				SP25	
BIO 458	Speak Effectively Before an Audience	0			SPK		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		SP23	SU I 22 and SU II 22	F23		SP24	SU I 24 and SU II 24	F24		SP25
BIO 459	Write Effectively in Biology	0			WRTD		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		SP23	SU I 22 and SU II 22	F23		SP24	SU I 24 and SU II 24	F24		SP25
BIO 511	Topics in Biotechnology	3			Yes / Yes			SU I 20 online					F21				SU I 22											
BIO 515	Current Topics in Microbiology	3			Yes / Yes				F20						SP22													
Courses with an asterisk (*) next to them have not been offered in the last 5 years.																												
Course	Course Title	Creds	DEC	SBC	BIO MAJ/MIN	W20	SP20	SU20	F20	W21	SP21	SU21	F21	W22	SP22	SU22	F22	W23	SP23	SU23	F23	W24	SP24	SU24	F24	W25	SP25	
AMS 210	Applied Linear Algebra	3		STEM*	Yes / No	W20	SP20	SU II 20 online	F20	W21	SP21	SU II 21 online	F21	W22	SP22	SU II 22 online	F22	W23 online	SP23	SU II 23 online	F23	W24	SP24	SU II 24 online	F24	W25 online	SP25	
AMS 261	Applied Calculus III	4		STEM*	Yes / No		SP20	SU I 20 online	F20		SP21	SU I 21 online	F21		SP22	SU I 22 online	F22		SP23	SU I 23 online	F23		SP24	SU I 24 online	F24	W25 online	SP25	
AMS 333	Mathematical Biology	3		EXP+ / WRTD	Yes / No				F20				F21				F22				F23				F24			
ANP 101	Human Biology (formerly BIO 101 until F19)	3	E	SNW	No / No										SP22		F22				F23		SP24	SU I 24 online	F24	W25 online	SP25	
ANP 304	Ecology: Linking People and Nature / Turkana Basin	3	E	SNW	Yes / No														SP23				SP24 Kenya			SP25 Kenya		
ANP 305	Vertebrate Paleontology and Paleoecology / Turkana Basin	3		SNW	Yes / No														SP23				SP24 Kenya			SP25 Kenya		
ANP 306	Human Evolution / Turkana Basin	3		STEM*	Yes / No														SP23				SP24 Kenya			SP25 Kenya		
ANP 307	Comparing Ecosystems in Madagascar	3		E	SNW	Yes / No										SU I 22 (Madagascar)				SU I 23 (Madagascar)				SU I 24 (Madagascar)	F24 (M)			
ANP 326	Lemurs of Madagascar	3		STEM*	Yes / No																				F24 (M)			
ANP 350	Methods in Studying Primates	3			Yes / No											SU I 22 (Madagascar)				SU I 23 (Madagascar)				SU I 24 (Madagascar)	F24 (M)			
ANP 351	Biodiversity Assessment Methods for Tropical Field Research	3			Yes / No																				F24 (M)			
ANP 360	Primate Conservation	3	H	STAS	Yes / No						SP21				SP22					SP23			SP24				SP25	
ANP 391	Topics in Biological Anthropology	3			Yes / No																							
ATM 305	Global Atmospheric Change	3	E	STEM*	Yes / No						SP21									SP23							SP25	
ATM 397	Air Pollution and its Control	3		CER	Yes / No						SP21				SP22					SP23			SP24				SP25	
BCP 401	Principles of Pharmacology	4			Yes / No								F21				F22				F23				F24			
BME 100	Introduction to Biomedical Engineering	3		TECH	Yes / No			SU II 20 online				SU II 21 online	F21			SU II 22 online	F22			SU II 23 online	F23				F24			
BME 301	Biophotonics (formerly Bioelectricity)	3			Yes / No						SP21				SP22					SP23			SP24				SP25	
BME 303	Biomechanics	3	H	STAS	Yes / No								F21				F22				SU II 23 online	F23		SU II 24 online	F24			
BME 304	Genetic Engineering	3	H	STAS	Yes / No						SP21				SP22					SP23	SU II 23 online		SP24				SP25	
BME 311	Fundamentals of Macro to Molecular Bioimaging	3			Yes / No								F21		SP22		F22			SP23		F23	SP24		F24			
BME 313	Bioinstrumentation	3			Yes / No								F21							SU I 23 online					F24			
BME 353	Introduction to Biomaterials	3			Yes / No								F21				F22				F23				F24			
BME 371	Biological Microfluidics	3			Yes / No								F21				F22				F23				F24 online			
BME 381	Nanofabrication in Biomedical Applications	3			Yes / No						SP21				SP22					SP23			SP24				SP25	
BME 402	Contemporary Biotechnology	3			Yes / No								F21				F22				F23				F24			
BME 404	Essentials of Tissue Engineering	3			Yes / No						SP21				SP22					SP23			SP24				SP25	
BME 481	Biosensors	3			Yes / No								F21												F24			
CHE 346	Biomolecular Structure and Reactivity	3			Yes / No				F20				F21				F22				F23				F24			
CSE 130	Introduction to Programming in C	3			Yes / No																							
EBH 302	Human Genetics (formerly BIO 302)	3			Yes / Yes		SP20		F20				F21				F22		SP23		F23				F24			
EBH 316 / ANP 316	Evolution of the Human Brain (formerly ANP 316)	3	E	STEM*	Yes / No						SP21		F21				F22				F23				F24			
EBH 331	Hormones and Behavior	3		STEM*	Yes / No		SP20								SP22												SP25	
EBH 359	Behavioral Ecology (formerly BIO 359)	3	E	STEM*	Yes / Yes								F21		SP22						F23							
EBH 370	Advanced Human Genetics (formerly BIO 303)	3		TECH	Yes / Yes						SP21																	
EBH 380	Genomics (formerly BIO 304)	3			Yes / Yes				F20																			
EBH 381	Genomics Laboratory (formerly BIO 305)	3		TECH	Yes / Yes										SP22					SP23							SP25	
ENS 311	Ecosystem Ecology and the Global Environment (not for credit in addition to BIO 386)	3			Yes / No						SP21									SP23			SP24				SP25	
ENV 301	Sustainability of the Long Island Pine Barrens	3	H	SPK STAS	Yes / No			SU I 20 online				SU I 21				SU I 22				SU I 23				SU I 24				

Course Title		Creds	DEC	SBC	BIO MAJ/MIN	W20	SP20	SU20	F20	W21	SP21	SU21	F21	W22	SP22	SU22	F22	W23	SP23	SU23	F23	W24	SP24	SU24	F24	W25	SP25
ESE 271	Electrical Circuit Analysis	4			Yes / No			SU I EXT 20 online	F20		SP21	SU I EXT 21 online	F21		SP22	SU I EXT 22 online	F22		SP23	SU I EXT 23 online	F23		SP24	SU I 24 online	F24		SP25
ESG 111	Programming for Engineers	3			Yes / No			SU I 20 online	F20		SP21	SU I 21 online	F21		SP22	SU I 22 online	F22		SP23	SU I 23 online	F23		SP24	SU I 24 online	F24		SP25
MAR 301	Environmental Microbiology	4			Yes / No				F20				F21				F22				F23		SP24	SU I 24 online	F24		SP25
MAR 302	Marine Microbiology and Microbial Ecology	3			Yes / No						SP21								SP23				SP24				SP25
MAR 303	Long Island Marine Habitats	4		STEM+	Yes / No				F20				F21				F22				F23				F24		SP25
MAR 305	Experimental Marine Biology	3		STEM+	Yes / No				F20				F21				F22				F23				F24		SP25
MAR 315	Marine Conservation	3	H	ESI / STAS	Yes / No						SP21				SP22				SP23				SP24	SU I 24			SP25
MAR 318	Engineering Geology and Coastal Processes	3		STEM+	Yes / No																		SP24				SP25
MAR 320	Limnology	4		STEM+	Yes / No		SP20				SP21				SP22				SP23				SP24				SP25
MAR 333	Coastal Oceanography	3	H	STEM+	Yes / No						SP21				SP22				SP23				SP24		F24		SP25
MAR 366	Plankton Ecology	3			Yes / No																						SP25
MAR 370	Marine Mammals	3			Yes / No				F20				F21				F22				F23				F24		SP25
MAR 373	Marine Apex Predators: Ecology and Conservation	3			Yes / No																			SU II 24			SP25
MAR 375	Marine Mammal and Sea Turtle Rehabilitation	3			Yes / No						SP21				SP22				SP23				SP24				SP25
MAR 376	Biology and Conservation of Sea Turtles	3			Yes / No						SP21				SP22				SP23				SP24				SP25
MAR 377	Biology and Conservation of Seabirds	3			Yes / No						SP21				SP22				SP23				SP24				SP25
MAR 380	Ichthyology	3		ESI / WRTD	Yes / No				F20				F21				F22				F23				F24		SP25
MAR 384	Diseases of Aquatic Organisms	3		STEM+	Yes / No						SP21				SP22				SP23				SP24				SP25
MAR 386	Ecosystem Science for Fisheries Management	3			Yes / No												F22				F23						SP25
MAR 388	Tropical Marine Ecology	4		ESI / EXP+ / STEM+	Yes / No	W20																				W25 (Jamaica)	SP25
MEC 260	Engineering Statics	3			Yes / No			SU II EXT 20 online	F20		SP21	SU II EXT 21 online	F21		SP22	SU II EXT 22 online	F22		SP23	SU II EXT 23 online	F23		SP24	SU II EXT 24 online	F24		SP25
RELATED COURSE OFFERINGS																											
AMS 110	Probability and Statistics in the Life Sciences	3		QPS		W20	SP20	SU II 20 online	F20	W21	SP21	SU II 21 online	F21	W22	SP22	SU II 22 online	F22	W23	SP23	SU II 23 Online	F23 online	W24	SP24 online	SU II 24 Online	F24 online	W25 online	SP25 online
AMS 151	Applied Calculus I	3	C	QPS		W20	SP20	SU I 20 online	F20	W21	SP21	SU I 21 online	F21	W22	SP22	SU I 22 online	F22	W23	SP23	SU I 23 Online	F23	W24	SP24 online	SU I 24 online and SU II 24	F24 online	W25 online	SP2

	Course Title	Creds	DEC	SBC	BIO MAJ/MIN	W20	SP20	SU20	F20	W21	SP21	SU21	F21	W22	SP22	SU22	F22	W23	SP23	SU23	F23	W24	SP24	SU24	F24	W25	SP25
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				SU I 20 online	F20			SU I 21 online	F21			SU I 22 online	F22			SU I 23	F23				F24		
PHY 122	Physics for the Life Sciences II	4	E	SNW			SP20	SU II 20 online			SP21	SU II 21 online			SP22	SU II 22 online			SP23	SU II 23			SP24				SP25
PHY 125	Classical Physics A	4	E	SNW			SP20		F20		SP21		F21		SP22		F22		SP23		F23		SP24		F24		SP25
PHY 126	Classical Physics B	3	E	SNW				SU I 20 online	F20			SU I 21 online	F21			SU I 22 online	F22			SU II 23	F23			SU I 24	F24		
PHY 127	Classical Physics C	3	E	SNW			SP20	SU II 20 online			SP21	SU II 21 online			SP22	SU II 22 online			SP23	SU II 23			SP24	SU II 24			SP25
PHY 131	Classical Physics I	3	E	SNW			SP20	SU I 20 online	F20		SP21	SU I 21 online	F21		SP22	SU I 22 online	F22		SP23	SU I 23 online	F23		SP24	SU I 24 online	F24		SP25
PHY 132	Classical Physics II	3	E	SNW			SP20	SU II 20 online	F20		SP21	SU II 21 online	F21		SP22	SU II 22 online	F22		SP23	SU II 23 online	F23		SP24	SU II 24 online	F24		SP25
PHY 133	Classical Physics Laboratory I	1					SP20	SU I 20 online	F20		SP21	SU I 21 online	F21		SP22	SU I 22 online	F22		SP23	SU I 23 online	F23		SP24	SU I 24 online	F24		SP25
PHY 134	Classical Physics Laboratory II	1					SP20	SU II 20 online	F20		SP21	SU II 21 online	F21		SP22	SU II 22 online	F22		SP23	SU II 23 online	F23		SP24	SU II 24 online	F24		SP25
PHY 141	Classical Physics I: Honors	4	E	SNW					F20				F21				F22				F23				F24		
PHY 142	Classical Physics II: Honors	4	E	SNW			SP20				SP21				SP22				SP23		F23		SP24				SP25