

Natural Science Major Life Science Option

First Year

ENGL	1013	Composition I	3	ENGL	1023	Composition II	3
MATH	1043	College Algebra	3	MATH	1033	Trigonometry	3
CHEM	1103	General Chemistry I	3	CHEM	1113	General Chemistry II	3
CHEM	1121	General Chemistry I Lab.	1	CHEM	1131	General Chemistry II Lab.	1
Minor			3	SPCH	1023	Public Spk. OR	
PSY	1013	Intro. To Psych OR		SPCH	2283	Bus. & Prof. Spch.	3
		SOC 2213 Intro. To Sociology	3	Minor			3
Total				Total			
16				16			

Second Year

PHYS	2203	General Physics I	3	PHYS	2213	General Physics II	3
PHYS	2231	Physics Laboratory I	1	PHYS	2241	Physics Laboratory II	1
BIOL	1063	Biological Science	3	BIOL	1153	General Zoology	3
BIOL	1071	Biological Science Laboratory	1	BIOL	1161	General Zoology Lab.	1
Minor			3	Minor			3
HIST	10x3	Survey of Civilization	3	HIST	2213	Amer. History I OR	
				HIST	2223	Amer. History II OR	
				PSCI	2213	Amer. National Govt.	3
				ENGL	22x3	World Literature	3
Total				Total			
14				17			

Third Year

BIOL	1143	General Botany	3	ESCI	1073	Earth and Atmosphere	3
BIOL	1171	General Botany Laboratory	1	ESCI	1081	Earth and Atmosphere Lab.	1
Minor			3	BIOL	3553	Microbiology	3
Social Science Elective			3	BIOL	3561	Microbiology Lab.	1
ART	1053	Art Appreciation OR		BIOL		Elective (Upper Level)	3
		MUS 1113 Music Appreciation	3	Minor		(Upper Level)	3
Elective (Upper Level)			3				
Total				Total			
16				14			

Fourth Year

ESCI	1063	Elements of Geology	3	BIOL	Elective (Upper Level)		3
ESCI	1051	Elements of Geology Laboratory	1	Minor		(Upper Level)	3
BIOL	3484	General Ecology	4	Humanities Elective (Upper Level)			3
BIOL		Elective (Upper Level)	3	Elective (Upper Level)			6
Minor		(Upper Level)	3				
Elective (Upper Level)			3				
Total				Total			
17				15			

Students required to enroll in Developmental courses will either need to attend summer school or take additional courses during the Fall and/or Spring semesters. Credit hours earned in developmental courses do not apply toward the 124 hours required for graduation

Specific Requirements for the Natural Science Major, Life Science Option

Core Requirements 16 hours

CHEM	1113	General Chemistry II
CHEM	1131	General Chemistry II Laboratory
ESCI	1073	Earth and Atmosphere
ESCI	1081	Earth and Atmosphere Laboratory
PHYS	2203	General Physics I
PHYS	2231	Physics Laboratory I
PHYS	2213	General Physics II
PHYS	2241	Physics Laboratory II

Life Science Option 25 hours

BIOL	1153	General Zoology
BIOL	1161	General Zoology Laboratory
BIOL	1143	General Botany
BIOL	1171	General Botany Laboratory
BIOL	3484	General Ecology
BIOL	3553	Microbiology
BIOL	3561	Microbiology Laboratory

Electives:

Nine hours of 3000-4000 level Biology courses

Supportive Requirements 17-18 hours

BIOL	1063	Biological Science
BIOL	1071	Biological Science Laboratory
CHEM	1103	General Chemistry I
CHEM	1121	General Chemistry I Laboratory
ESCI	1063	Elements of Geology
ESCI	1051	Elements of Geology Laboratory
MATH	1033	Trigonometry
MATH	1043	College Algebra

The Natural Science Major requires a minor.

As some courses are not offered every semester it is very important for students to enroll in courses when they are available. The following courses are offered in the indicated semester:

Every Fall

BIOL	1053	Principles I
BIOL	1041	Principles I Lab
BIOL	3354	Genetics
BIOL	3484	General Ecology
CHEM	3404	Organic Chemistry I
ESCI	1051	Elements of Geology Lab
ESCI	1063	Elements of Geology
PHYS	2323	University Physics II

Every Spring

BIOL	1083	Principles II
BIOL	1091	Principles II Lab
BIOL	3363	Cell Biology
BIOL	4634	Vertebrate Physiology
BIOL	4673	Pharmacology
CHEM	3414	Organic Chemistry II
CHEM	1113	General Chemistry II
CHEM	1131	General Chemistry II Lab
ESCI	1073	Earth & Atmosphere
ESCI	1081	Earth & Atmosphere Lab
PHYS	2313	University Physics I

Fall of odd numbered year semesters:

BIOL	3413	Mammalogy
BIOL	3574	Comparative Anatomy
CHEM	4634	Biochemistry I

Spring of even numbered years:

BIOL	3314	Ichthyology/Herpetology
BIOL	3763	Evolution
CHEM	4643	Biochemistry II

Fall of even numbered years:

BIOL	3493	Environmental Science
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Spring of odd numbered years

BIOL	3434	Regional Flora
BIOL	3524	Ornithology