

2023 Catalog-B.S. Biology Degree Plan (120 Hours)

STUDENT NAME:				
STUDENT ID:				
AUDITS: 45 _____ 75 _____		PRE-HEALTH: NO YES		
Course Title	Subject Prefix/ Course #	HR	Semester Taken	Grade
CORE CURRICULUM				
Communication (010)				
		3		
		3		
Mathematics (020)				
Differential Calculus	MATH 2413*	4		
Life and Physical Sciences (030)				
General Chemistry I	CHEM 1311	3		
General Chemistry II	CHEM 1312	3		
Language, Philosophy and Culture (040)				
		3		
Creative Arts (050)				
		3		
American History (060)				
		3		
		3		
Government/Political Science (070)				
American National Government	GOVT 2305	3		
State and Local Government	GOVT 2306	3		
Social and Behavioral Science (080)				
		3		
Component Area Option (090)				
Integral Calculus	MATH 2414*	4		
Intro to Modern Biology I	BIOL 2311	3		
Major Preparatory Courses				
General Chemistry I	CHEM 1311	3		
Chem Lab I	CHEM 1111	1		
General Chemistry II	CHEM 1312	3		
Chem Lab II	CHEM 1112	1		
Organic Chemistry I Lecture	CHEM 2323	3		
Organic Chemistry II Lecture	CHEM 2325	3		
Introductory Organic Chemistry Lab	CHEM 2233	2		

* (MATH 2417 & MATH 2419) can be used instead of (MATH 2413 & MATH 2414).

UPDATED BY:				
DATE:				
MINOR:		DOUBLE MAJOR/DEGREE:		
Course Title	Subject Prefix/ Course #	HR	Semester Taken	Grade
Major Preparatory Courses (Cont.)				
Differential Calculus	MATH 2413*	4		
Integral Calculus	MATH 2414*	4		
Mechanics	PHYS 2325**	3		
Physics Lab I	PHYS 2125**	1		
Electromagnetism and Waves	PHYS 2326**	3		
Physics Lab II	PHYS 2126**	1		
Major Core Courses				
Intro to Modern Biology I & Wkshp	BIOL 2311 & BIOL 2111	4		
Intro to Modern Biology II & Wkshp	BIOL 2312 & BIOL 2112	4		
Intro to Biology Lab	BIOL 2281	2		
Classical & Molec. Genetics & Wkshp	BIOL 3301 & BIOL 3101	4		
Molecular & Cell Biology & Wkshp	BIOL 3302 & BIOL 3102	4		
Biochemistry I & Wkshp	BIOL 3361 & BIOL 3161	4		
Biochemistry II & Wkshp	BIOL 3362 & BIOL 3162	4		
OR Microbial Physiology	BIOL 3335	3		
Biochemistry Lab	BIOL 3380	3		
Cell Biology Lab	BIOL 4380	3		
Major Related Courses-Upper Level Approved Biology Electives				
		3		
		3		
		3		
		3		
Electives-45 Upper Level Hours Needed to Graduate (75 UL for double degree)				
Freshman Seminar	UNIV 1010	0		
NS&M Freshman Seminar	NATS 1101	1		
Core Seminar	UNIV 2020	0		
Free Elective		3		
Free Elective		2		
UL Elective (3xxx or 4xxx)		3		
UL Elective (3xxx or 4xxx)		3		
UL Elective (3xxx or 4xxx)		3		
UL Elective (3xxx or 4xxx)		2-3		

**[(PHYS 1301 & PHYS 1101) and (PHYS 1302 & PHYS 1102)] can be used instead of [(PHYS 2325 & PHYS 2125) and (PHYS 2326 & PHYS 2126)]