

2023 Catalog-B.S. Biochemistry 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 or Calculus I	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)					
Differential Calculus or Calculus I	MATH 2413*	4			
Integral Calculus or Calculus II	MATH 2414*	4			
Physics Lab I	PHYS 2125	1			
Major Preparatory Courses					
Intro to Modern Biology I & Wkshp	BIOL 2311/2111	4			
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			
Quantitative Methods in Chemistry	CHEM 2401	4			

UPDATED BY:					
DATE:					
MINOR:		DOUBLE MAJOR/DEGREE:			
Course Title	Subject Prefix/ Course #	HR	Semester Taken	Grade	
Major Preparatory Courses (Cont.)					
Differential Calculus or Calculus I	MATH 2413*	4			
Integral Calculus or Calculus II	MATH 2414*	4			
Sev. Variables or Advanced Cal.	MATH 2415*	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					
Classical & Molec. Genetics & Wkshp	BIOL 3301/3101	4			
Molecular & Cell Biology & Wkshp	BIOL 3302/3102	4			
Biochemistry I	BIOL 3361 or CHEM 3361	3			
Biochemistry I Workshop	BIOL 3161	1			
Biochemistry II	BIOL 3362 or CHEM 3362	3			
Biochemistry II & Wkshp	BIOL 3162	1			
Biochemistry Lab	BIOL 3380	3			
Physical Chemistry I	CHEM 3321	3			
Physical Chemistry II	CHEM 3322	3			
Instrumental Analysis	CHEM 3472	4			
Upper Level Chemistry or Biology Electives					
		3			
		3			
		2			
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			
UL Elective (3xxx or 4xxx)		3			
UL Elective (3xxx or 4xxx)		3			
UL Elective (3xxx or 4xxx)		2			

*Select one MATH sequence: (MATH 2413, MATH 2414 & MATH 2415) OR (MATH 2417, MATH 2419, & MATH 3351).

MATH 2418 is prerequisite for MATH 3351.