

B.S. Biochemistry (Effective Fall 2023)

Name _____

Expected Date of Graduation _____

ID _____

Chemistry Degree Requirements	Crd.	Sem./Yr	Grade
CHEM 115 General Chemistry I	5		
CHEM 116 General Chemistry II	5		
CHEM 199 First-Year Seminar	1		
CHEM 225 Organic Chemistry I	4		
CHEM 231 Quantitative Analysis	4		
CHEM 261 Inorganic Chemistry	4		
CHEM 299 Sophomore Seminar	1		
CHEM 326 Organic Chemistry II	4		
CHEM 332 Instrumental Analysis	4		
CHEM 351 Intro. Biochemistry	4		
CHEM 353 Med. Chem & Tox.	3		
CHEM 361 Physical Chemistry I	4		
CHEM 363 Physical Chem. Lab	1		
CHEM 452 Adv. Biochem. Mol. Tech	3		

Choose Research or Course option

Research option (Incl. 4 crd. BIOL 3XX + 3 crd BIOL 4XX)

CHEM 395 Junior Seminar	1		
CHEM 49X Senior Research**	2		
CHEM 499 Senior Seminar	1		

Course option (11 crd. BIOL 3XX or higher, with at least 3 crd. BIOL 4XX)

Support courses	Crd.	Sem./Yr	Grade
MATH 151 Calculus I	4		
MATH 152 Calculus II	4		
MATH 207 Principles of Stats.	3		
PHYS 2X1 Physics I	4		
PHYS 2X2 Physics II	4		

General Education	Crd.	Sem./Yr	Grade
ENGL 110 First-Year Comp	3		
ENGL 111 First-Year Comp II	3		
COMM101 Speech	3		
Social Science* _____	3		
Social Science* _____	3		
Humanities * _____	3		
Humanities * _____	3		
Cultural Diversity* _____	3		

*Consult list for approved courses

Total credits with electives [###]

Minimum 124 total credits

Biology Courses	Crd.	Sem./Yr	Grade
BIOL 131 Gen. Biology: Cells	4		
BIOL 132 Gen. Biology: Organisms	4		
BIOL 204 Microbiology	4		
BIOL 220 Genetics	4		

**** For American Chemical Society Certification**

CHEM 495 Senior Laboratory Research



Advisor _____ Advisor signature _____ Date _____