

## Biochemistry (B.S.)

2026-2027 catalog

**Student Name:** \_\_\_\_\_ **ID Number:** \_\_\_\_\_

### Major Requirements

Supporting course requirements in mathematics, physics, and communication must be satisfied with a grade of C- or higher. A C- or higher average must be maintained in all upper division biology and chemistry courses applied toward meeting the requirements of the major. All biology and chemistry courses applied toward the major must be traditionally graded.

Students majoring in Biochemistry cannot also major in Chemistry.

Term Completed/Planned	Grade	Credit	Course #	Title
_____	_____	5	BIO151 and BIO151L: Introductory Biology I	
_____	_____	5	BIO354 and BIO354L: Cell Biology	
_____	_____	5	BIO/CHM369 and BIO/CHM369L: Biochemistry	
_____	_____	4	BIO/CHM370: Biochemistry II	
_____	_____	5	CHM115 and CHM115L: General Chemistry I	
_____	_____	5	CHM116 and CHM116L: General Chemistry II	
_____	_____	5	CHM251 and CHM251L: Organic Chemistry I	
_____	_____	5	CHM352 and CHM352L: Organic Chemistry II	
_____	_____	5	CHM380 and CHM380L: Quantitative Analytical Chemistry	
_____	_____	4	CHM362: Physical Chemistry: Macroscopic Theory	
_____	_____	5	PHY121 and PHY121L: General Physics I	
_____	_____	5	PHY122 and PHY122L: General Physics II	
_____	_____	4	MAT145: Calculus I	
_____	_____	4	Either MAT146: Calculus II OR MAT255 Multivariable Calculus	
Complete <b>two (2)</b> semesters of CHM491				
_____	_____	0.5	CHM491	Chemistry Seminar
_____	_____	0.5	CHM491	Chemistry Seminar
Complete <b>eight (8)</b> additional credits chosen from BIO355, BIO361, BIO473, BIO474, BIO475, BIO476, BIO486, BIO/CHM488, BIO/CHM489, BIO499, CHM464, CHM468, CHM481, CHM482, CHM499, or PHY317:				
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Complete <b>four (4)</b> credits from CHM430, CHM440, or CHM450				
_____	_____	2	CHM430	Advanced Thermodynamic and Separation Lab
_____	_____	2	CHM440	Advanced Synthesis Lab
_____	_____	2	CHM450	Advanced Spectroscopy and Computational Chemistry Lab
Complete <b>one (1)</b> Keystone class from BIO490, SCI490, HON490, or another keystone approved by the program				
_____	_____	_____	_____	_____
Complete the ETS major field test				
_____	_____	0	_____	_____