

2026-2027 Catalog		Major Academic Plan (MAP)—B.S. Chemistry (Biochemistry Specialty)							Academic Credit Hours 129 + ROTC	
Fall	LDRS 101 (1)	CHEM 151 (3)	CHEM 163 or 161 Lab (1)	MATH 131 (4)	BIOL 130 (3)	BIOL 131 (1)	RPED 260 (3)		Basic ROTC	16
Spring		CHEM 152 (3)	CHEM 164 or 162 Lab (1)	MATH 132 (4)	BIOL 140 (3)	BIOL 141 (1)	FSEM 101 (3)	FSWI 101 (3)	Basic ROTC	18
										34
<b>Sophomore</b>										
Fall	LDRS 211 (0)	CHEM 207 (3) & 217 Lab (1)		PHYS 221 (3) & 271 Lab (1)		General Elective (3)	Language (3)	RPED (0)	Basic ROTC	14
Spring		CHEM 208 (3) & 218 Lab (1)	CHEM 220 (3)	PHYS 222 (3) + PHYS 272 Lab (1)		General Elective (3)	Language (3)	RPED (0)	Basic ROTC	17
										31
<b>Junior</b>										
Fall	LDRS 311 (0)	CHEM 300 (4)	CHEM 409 (3)	LDRS 202 (3)	General Elective (3)	Strand 1 (3)			Advanced ROTC	16
Spring		CHEM 302 (4)	CHEM 410 (3)	CHEM 460 (1)	General Elective (3)	Strand 2 (3)	LDRS 371 (3) Taken Fall or Spring		Advanced ROTC	17
										33
<b>Senior</b>										
Fall	LDRS 411 (0)	CHEM 401 (3)	CHEM 419 (3)	CHEM 305 (3)	*Approved Elective (3)	Strand 3 (3)			Advanced ROTC	15
Spring		CHEM 316 Lab (1)	CHEM 420 CAPSTONE (3)	CHEM 306 (3)	General Elective (3)	General Elective (3)	General Elective (3)		Advanced ROTC	16
										31
										<b>Total: 129</b>

\*Approved Electives: BIOL 290, 308, 421, 424, 427. Please check Biology prerequisites when planning your curriculum.

\*\*Students pursuing an ACS accredited degree need to choose MATH 243 and CHEM 315 as two of their free electives.

Strand Requirements: Students must complete three strand courses, which may be completed in any order: English (ENGS 30X), History (HISS 30X), and Social Science (SCSS 30X)

Note: The blue cells represent courses in General Education. The gray cells represent graduation requirements. The orange cells are non-departmental requirements, and yellow cells are major requirements. BS CHEM majors take PHYS 221/271 as Science Strand.