

August 2022		Major Academic Plan (MAP)—B.S. Chemistry (Biochemistry Specialty)							Academic Credit Hours 120+ROTC	
Fall	LDRS 101 (1)	CHEM 151 (3)	CHEM 163 or 161 LAB (1)	MATH 131 (4)		RPED 260 (3)	General Elective (3)		Basic ROTC	15
Spring		CHEM 152 (3)	CHEM 164 or 162 Lab (1)	MATH 132 (4)		FSEM 101 (3)	FSWI 101 (3)		Basic ROTC	14
										29
Sophomore										
Fall	LDRS 211 (0)	CHEM 207 (3)	CHEM 217 Lab (1)	PHYS 221 (3) PHYS 271 Lab (1)		General Elective (3)	MOD LANG (3)	RPED (0)	Basic ROTC	14
Spring		CHEM 208 (3)	CHEM 218 Lab (1)	PHYS 222 (3) PHYS 272 Lab (1)	CHEM 220 (3)		MOD LANG (3)	RPED (0)	Basic ROTC	14
										28
Junior										
Fall	LDRS 311 (0)	CHEM 300 (4)	CHEM 305 (3)	CHEM 409 (3)	CHEM 460 (3)	Strand 1 (3)			Advanced ROTC	16
Spring		CHEM 302 (4)	CHEM 306 (3)	CHEM 410 (3)	LDRS 202 (3)	LDRS 371 (3) Fall or Spring			Advanced ROTC	16
										32
Senior										
Fall	LDRS 411 (0)	CHEM 401 (3)	CHEM 419 (3)	*Approved Elective (3)	General Elective (3)	Strand 2 (3)	Strand 3 (3)		Advanced ROTC	15
Spring		CHEM 316 Lab (1)	CHEM 420 CAPSTONE (3)	Elective (3)	General Elective (3)	General Elective (3)	General Elective (3)		Advanced ROTC	16
										31
										Total: 120

*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 the new Gen Ed. 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.