2024-2025 **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
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)	General Elective (3)	MOD LANG (3)	RPED (0)	Basic ROTC	17 / 31
Junior										
Fall	LDRS 311 (0)	CHEM 300 (4)	CHEM 409 (3)	General Elective (3)	General Elective (3)	Strand 1 (3)			Advanced ROTC	16
Spring		CHEM 302 (4)	CHEM 410 (3)	CHEM 460 (1)	LDRS 202 (3)	Strand 2 (3)	LDRS 371 (3) Taken Fall or Spring		Advanced ROTC	17 / 3331
Senior										
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

Total: 129

*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.