

July 2021		Major Academic Plan (MAP)—B.S. Chemistry (Biochemistry Specialty)							Academic Credit Hours 123+ROTC	
Fall	LDRS 101 (1)	CHEM 151 (3)	CHEM 161 or 163 LAB (1)	MATH 131 (4)	MOD LANG (3)	RPED 260 (3)			Basic ROTC	15
	Spring		CHEM 152 (3)	CHEM 162 or 164 Lab (1)	MATH 132 (4)	MOD LANG (3)	FSEM 101 (3)	FSWI 101 (3)	Basic ROTC	17
										32
<b>Sophomore</b>										
Fall	LDRS 211 (1)	CHEM 207 (3)	CHEM 217 Lab (1)	PHYS 221 (3) PHYS 271 Lab (1)	Strand 1 (3)	General Elective (3)		RPED (0)	Basic ROTC	14
	Spring		CHEM 208 (3)	CHEM 218 Lab (1)	PHYS 222 (3) PHYS 272 Lab (1)	CHEM 220 (3)	Strand 2 (3)		RPED (0)	Basic ROTC
										28
<b>Junior</b>										
Fall	LDRS 311 (0)	CHEM 300 (4)	CHEM 305 (3)	CHEM 409 (3)	CHEM 460 (3)	Strand 3 (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
<b>Senior</b>										
Fall	LDRS 411 (0)	CHEM 401 (3)	CHEM 419 (3)	*Approved Elective (3)	General Elective (3)	General Elective (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
										<b>Total: 123</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 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.