

		Major Academic Plan (MAP)—B.S. Chemistry							Academic Credit Hours 121 + ROTC	
Freshman										
Fall	LDRS 101 (1)	CHEM 151 (3)	← CHEM 163 or 161 LAB (1)	MATH 131 (4)	Language (3)	RPED 260 (3)			ROTC Basic	15
Spring		CHEM 152 (3)	← CHEM 164 or 162 Lab (1)	MATH 132 (4)	Language (3)	FSWI 101 (3)	FSEM 101 (3)		ROTC Basic	17
										32
Sophomore										
Fall	LDRS 211 Fall or Spring	CHEM 207 (3)	← CHEM 217 Lab (1)	PHYS 221 (3)	← PHYS 271 Lab (1)	Elective (3)	Elective (3)	RPED (0)	ROTC Basic	14
Spring		CHEM 208 (3)	← CHEM 218 Lab (1)	PHYS 222 (3) & PHYS 272 Lab (1)	CHEM 220 (3)	LDRS 202 (3)	Strand 1 (3)	RPED (0)	ROTC Basic	17
										32
Junior										
Fall	LDRS 311 (0)	CHEM 300 (4)	CHEM 305 (3)	↔ CHEM 315 Lab (1)	Strand 2 (3)	Elective (3)	CHEM ACS Elective ** (3)		ROTC Advanced	17
Spring		CHEM 306 (3)	← CHEM 316 Lab (1)	CHEM 302 (4)	Strand 3 (3)	LDRS 371 (3)	Elective (3)		ROTC Advanced	17
										34
Senior										
Fall	LDRS 411 (0)	CHEM 401 (3)	CHEM 409 (3)	CHEM 419 (3)	Approved Elective* (3)	Elective (3)			ROTC Advanced	15
Spring		CHEM ACS Elective ** (3)	CHEM 420 CAPSTONE (3)		Elective (3)	Elective (3)			ROTC Advanced	12
										27

TOTAL: 121

*Approved Electives: BIOL 290, 308, 421, 424, 427; CHEM 402, 404, 410; CSCI 205; MATH 303, 335, 343, 344, 381, 403, 411, 422, 470; PHYS 301, 307, 308, 315, 320, 403, 405, 409, 410.

**Approved ACS Elective: Students pursuing the ACS accredited degree need to take MATH 234 and CHEM 460 for two of their free electives.

Required hours for graduation are 121 plus the credit hours from successful completion of all RPED, ROTC, and LDRS graduation requirements.

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.