

## Chemistry

Degrees Offered	B.A. Chemistry	B.S. Chemistry	B.S. Chemistry (Intensive Major)	B.S./M.S. Chemistry
Prerequisites for entering the major	CHEM 161 and 165 or CHEM 163 and 167; CHEM 134L and 136L			
	MATH 115 or 116 (MATH 120 or MATH 121 or ENAS 151 are encouraged)			
	PHYS 170, 180, 200, or 260 or equivalents in advanced placement			PHYS 200, 201 or PHYS 260, 261 or PHYS 400 or higher (with DUS approval)
Requirements for each degree	10 credits (beyond prereqs)	13 credits (beyond prereqs)	15 credits (beyond prereqs)	19 credits (beyond prereqs) (B.S. Intensive requirements + 4 addtl grad courses)
	2 terms Organic Chemistry (with Labs) CHEM 174 or 220 and CHEM 175, 221, or 230; CHEM 222L and 223L			Application by end of 5th term
	Physical Chemistry (CHEM 332 or 328)	2 Physical Chemistry courses and 1 Lab (CHEM 332 or 328; CHEM 333; CHEM 330L)		2 terms of CHEM 490 taken in 5th and 6th semesters
	Inorganic Chemistry CHEM 252			Research between Jr/Sr year
	N/A		PHYS 171 or higher	Advanced course credits include 8 grad courses (4 applied to the B.S.)
	4 additional advanced course credits, incl at least 1 lecture and 1 lab		5 additional advanced course credits, incl at least 2 lectures and 1 lab	
	Senior Requirements	CHEM 400	CHEM 490 (2 semesters) or CHEM 400 and additional advanced lecture or lab	CHEM 490 (2 semesters)
Substitutions	Up to 2 credits of relevant advanced science courses in other departments for advanced chemistry courses (with DUS permission)			N/A