

Undergraduate Major Requirements in Chemistry Chemistry Courses and Courses in Related Fields

	Major I	Major II	Major III	Major IV
	Pre-Professional*	ACS Certified	Forensic Chemistry Option	Biochemistry Option***
Freshman Year	General (11-12 or Hon. 33-34)	General (11-12 or Hon. 33-34)	General (11-12 or Hon. 33-34)	General (11-12 or Hon. 33-34)
Sophomore Year	Organic Lecture (151-152)	Organic Lecture (151-152)	Organic Lecture (151-152)	Organic Lecture (151-152)
	Organic Lab (153-154)	Organic Lab (153-154)	Organic Lab (153-154)	Organic Lab (153-154)
	Intro. Quant Lecture (22)	Intro. Quant Lecture (22)	Intro. Quant Lecture (22)	Intro. Quant Lecture (22)
Junior Year	Intro Quant. Lab (23)	Intro Quant. Lab (23)	Intro Quant. Lab (23)	Intro Quant. Lab (23)
	Physical Lecture (111-112)	Physical Lecture (111-112)	Physical Lecture (111-112)	Physical Lecture (111-112)
	Physical Lab (113)	Physical Lab (113)	Physical Lab (113)	Physical Lab (113)
Senior Year	Biochemistry (161)**	Biochemistry (161)**	Biochemistry (161)**	Biochemistry (161)**
	Instrumental Anal. (122)	Instrumental Anal. (122)	Instrumental Anal. (122)	Spec. Topics in Biochem (162)
		Instrumental Anal Lab (123)		Biochemistry Lab (163)
	Descriptive Inorg. (134)	Descriptive Inorg. (134)	Descriptive Inorg. (134)	Instrumental Anal. (122)
		Undergrad Research (195)		Instrumental Anal Lab (123)
				Descriptive Inorg. (134)
				Undergrad Research (195)
Required Related Fields	Math 31-32	Math 31-32	Math 31-32	Math 31-32
	Physics (with Calc.) 21-22	Physics (with Calc.) 21-22	Physics (with Calc.) 21-22	Physics (with Calc.) 21-22
	Bio. Sciences 13-14	Bio. Sciences 13-14	Bio. Sciences 13-14	Bio. Sciences 13-14
			ForS 221,222, 238, 239, and	
			ForS 231, 232 OR 236	

A course in computer programming is recommended for chemistry majors.

* Pre-Professional, e.g. Medicine, Dentistry, Law, Business, Engineering

** Biochemistry may be taken in the junior or senior year.

*** Also an ACS Certified Degree