

## **B.Sc. MAJOR in CHEMISTRY**

## **Program Requirements**

## 2022-23 Calendar

Humanities	Arts/ECON	Electives	MATH/CSCI	Science Breadth	MAJOR Subject Area
6 credit hr	12 credit hr	33 credit hr	6 credit hr	18 credit hr	CHEMISTRY
					45 credit hr
			MATH 1210	PHYS 1210	CHEM 1210
			Intro Calculus I	University Physics I	General Chemistry I
			MATH 1211	PHYS 1211	◆ CHEM 1211
			Intro Calculus II	University Physics II	General Chemistry II for Phys. Sciences
					CHEM 2312
				*	Physical Chemistry I
					CHEM 2313
					Physical Chemistry II
					CHEM 2344
					Organic Chemistry I
					CHEM 2345
					Organic Chemistry II
					CHEM 2332
					Intro: Analytical Chemistry: Wet Methods
					CHEM 2333
					Intro : Analytical Chemistry: Electrochemistry &
			_		Spectroscopy
					CHEM 3322
			_		Inorganic Chemistry I
					CHEM 3424
			_		Inorganic Chemistry II
					CHEM 3451
	l				Introductory Biochemistry
ES:					CHEM ≥ 34xx
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HEM 1211 recommended; CHEM 1212					CHEM ≥ 34xx

(Gen. Chem. II for Life Sciences) or CHEM 1213 (Gen. Chem. II for Engineering) also accepted

\* Select a MATH or CSCI at the 2000- level or above (MATH 1216 accepted)

LIGHT GRAY = suggested schedule Year 1 DARK GRAY = *suggested* schedule Year 2 Every effort is made to ensure that the information summarized here is accurate. Students are reminded that the University Academic Calendar is the official source of Program information.

CHEM ≥ 34xx

## **Course & Elective Options:**

**Sciences:** Astronomy, Biology, Chemistry, Computing Science, Environmental Science, Geography (Group B only), Geology, Mathematics, Physics, Psychology (Excluding ASTR 1010, CHEM 1221, GEOL 1202, GEOL 1203, GEOL 1210, MATH 1202, and MATH 1203)

**Arts:** Anthropology, Arabic, Asian Studies, Atlantic Canada Studies, Chinese, Ancient Studies (Classics), Criminology, Economics, Education, English, French, German, Geography (Group A, C, D only), Health Wellness and Sport in Society, Hispanic Studies, History, Intercultural Studies, Global Development Studies (International Development Studies), Irish Studies, Japanese, Linguistics, Philosophy, Political Science, Religious Studies, Sociology, Social Justice and Community Studies, Spanish, Women & Gender Studies

**Humanities:** Atlantic Canada Studies, Asian Studies, Ancient Studies (Classics), English, History, Intercultural Studies, Irish Studies, Philosophy, Religious Studies, and Modern Languages (courses in literature and/or culture)