

# B.Sc. MAJOR in CHEMISTRY

## Program Requirements

English 3 credit hr	Humanities 3 credit hr	Arts/ECON 12 credit hr	Electives 33 credit hr	MATH/CSCI 6 credit hr	Science Breadth 18 credit hr	MAJOR Subject Area <b>CHEMISTRY</b> 45 credit hr
ENGL 1205				MATH 1210 Intro Calculus I	PHYS 1210 University Physics I	CHEM 1210 General Chemistry I
				MATH 1211 Intro Calculus II	PHYS 1211 University Physics II	◆ CHEM 1211 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 Analytical Chemistry: Wet Methods
						CHEM 2333 Analytical Chemistry: Electrochemistry and Spectroscopy
						CHEM 2322 Inorganic Chemistry I
						CHEM 3424 Inorganic Chemistry II
						CHEM 3451 Introductory Biochemistry
						CHEM ≥ 34xx
						CHEM ≥ 34xx
						CHEM ≥ 34xx
						CHEM ≥ 34xx

**NOTES:**

◆ CHEM 1211 recommended; CHEM 1212 (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

A minimum GPA of 2.2 is required in the Major Subject Area courses

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.

**Course & Elective Options:**

**Sciences:** Astronomy, Biology, Chemistry, Computing Science, Environmental Science, Geology, Mathematics, Physics, Psychology (Excluding ASTR 1010, CHEM 1221, FRSC 2200, FRSC 2001, GEOL 1202, GEOL 1203, GEOL 1210, MATH 1202, and MATH 1203)

**Arts:** Anthropology, Arabic, Asian Studies, Atlantic Canada Studies, Chinese, Classics, Economics, English, French, German, Geography, Hispanic Studies, History, Irish Studies, Japanese, Linguistics, Philosophy, Political Science, Religious Studies, Sociology, Spanish, Women & Gender Studies

**Humanities:** Classics, English (other than 1205), History, Philosophy, Religious Studies and Modern Languages (courses in literature and/or culture)