B.Sc. MAJOR in CHEMISTRY

Program Requirements

2024-25 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
]		Introductory Biochemistry
TES:					CHEM ≥ 34xx
					CHEM ≥ 34xx
CHEM 1211 recommended; CHEM 1212 (Con. Chem. II for Life Sciences) or CHEM 1213 (Con. Chem. II for					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 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, Public Humanities & Heritage, Religion, Sociology, Social Justice and Community Studies, Spanish, Gender Studies & Sexuality.

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