

B.Sc. MAJOR in CHEMISTRY

Program Requirements



| 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 |
| ES: | | | | | CHEM ≥ 34xx |
| | | | | | CHEM ≥ 34xx |
| HEM 1211 recommended; CHEM 1212 | | | | | CHEM ≥ 34xx |
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(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.

 $CHEM \ge 34xx$

Course & Elective Options:

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

Arts: Anthropology, Asian Studies, Atlantic Canada Studies, Chinese, Ancient Studies, Criminology, Economics, English, Entrepreneurship, French, German, Geography (Group A, C, D only), Global Development Studies, Health Wellness and Sport in Society, History, Intercultural Studies, Irish Studies, Japanese, Latin, Linguistics, Philosophy, Political Science, Public Humanities & Heritage, Religion, Sociology, Social Justice and Community Studies, Spanish, Women, Gender Studies & Sexuality

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