

B.Sc. MAJOR in BIOLOGY Program Requirements

**2023-24
Calendar**

| Humanities 6 credit hr | Arts/ECON 12 credit hr | Electives 30 credit hr | MATH/CSCI 6 credit hr | Science Breadth 18 credit hr | MAJOR Subject Area BIOLOGY 48 credit hr |
|---------------------------|---------------------------|---------------------------|--------------------------------------|--|--|
| | | | MATH 1250 or MATH 1210 | CHEM 1210 General Chemistry I | BIOL 1211* Molecular & Cell Biol. |
| | | | MATH 1251, MATH 1211 or CSCI 1227 | ◆ CHEM 1212 Gen. Chem. II for Life Sci. | BIOL 1212* Organismal & Ecological Biol. |
| | | | | ● CHEM 2346 Organic Chem. for Life Sci. | BIOL 1213* Applications in Biology |
| | | | | | BIOL 2307 Genetics |
| | | | | | BIOL 2321 Cell Biology |
| | | | | | BIOL 2324 Ecology |
| | | | | | BIOL 3308 Biostatistics |
| | | | | | BIOL 3423 Evolution |
| | | | | | BIOL = 3xxx |
| | | | | | BIOL = 3xxx |
| | | | | | BIOL = 3xxx |
| | | | | | BIOL ≥ 3xxx |
| | | | | | BIOL ≥ 3xxx |
| | | | | | BIOL = 4xxx |
| | | | | | BIOL = 4xxx |
| | | | | | BIOL = 4xxx |

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

NOTES:

A min. grade of C is required for a BIOL course to serve as a prerequisite for another BIOL course.

*BIOL 1201 may be used as a substitute for BIOL 1211 & 1213

*BIOL 1202 may be used as a substitute for BIOL 1212 & 1213

◆ CHEM 1211 or CHEM 1213 are also accepted.

● CHEM 2344 **plus** CHEM 2345 can be used in lieu of CHEM 2346.

Light Gray = *suggested* schedule Year 1

Dark Gray = *suggested* schedule Year 2

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)

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.