

## B.Sc. MAJOR in BIOLOGY Program Requirements

| Humanities<br>6 credit hr | Arts/Comm<br>12 credit hr | Electives<br>30 credit hr | MATH/CSCI<br>6 credit hr               | Science Breadth<br>18 credit hr            | MAJOR Subject Area<br><b>BIOLOGY</b><br>48 credit hr |
|---------------------------|---------------------------|---------------------------|--|--|--|
|                           |                           |                           | MATH 1250 or<br>MATH 1210              | CHEM 1210<br>General Chemistry I           | BIOL 1211*<br>Molecular & Cell Biol.                 |
|                           |                           |                           | MATH 1251, 1211,<br>CSCI 1226, or 1227 | ◆ CHEM 1212<br>Gen. Chem. II for Life Sci. | BIOL 1212*<br>Organismal & Ecological Biol.          |
|                           |                           |                           |  | ● CHEM 2346<br>Organic Chem. for Life Sci. | BIOL 1213*<br>Applications in Biology                |
|                           |                           |                           |  |  | BIOL 2307 Genetics                                   |
|                           |                           |                           |  |  | BIOL 2321 Cell Biology                               |
|                           |                           |                           |  |  | BIOL 2324 Ecology                                    |
|                           |                           |                           |  |  | BIOL 3308<br>Biostatistics                           |
|                           |                           |                           |  |  | BIOL 3423<br>Evolution                               |
|                           |                           |                           |  |  | BIOL = 3xxx  |
|                           |                           |                           |  |  | BIOL = 3xxx  |
|                           |                           |                           |  |  | BIOL = 3xxx  |
|                           |                           |                           |  |  | BIOL ≥ 3xxx  |
|                           |                           |                           |  |  | BIOL ≥ 3xxx  |
|                           |                           |                           |  |  | BIOL = 4xxx  |
|                           |                           |                           |  |  | BIOL = 4xxx  |
|                           |                           |                           |  |  | BIOL = 4xxx  |

**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), 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)

**Commerce:** Accounting, Commerce, Commercial Law, Communications, Economics, Entrepreneurship, Finance, Management, Management Science, Marketing (Excluding MISA 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.*