

## B.Sc. MAJOR in BIOLOGY Program Requirements

**2024-25  
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 <b>BIOLOGY</b> 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, 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.*