

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 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, 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)

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.