

B.Sc. MAJOR in BIOLOGY Program Requirements

**2022-23
Calendar**

Humanities 6 credit hr	Arts/ECON 12 credit hr	Electives 33 credit hr	MATH/CSCI 6 credit hr	Science Breadth 18 credit hr	MAJOR Subject Area BIOLOGY 45 credit hr
			■ MATH 12xx	CHEM 1210 General Chemistry I	BIOL 1201 Molecular & Cell Biol.
			■ MATH 12xx	◆ CHEM 1212 Gen. Chem. II for Life Sci.	BIOL 1202 Organismal & Ecological Biol.
				● CHEM 2346 Organic Chem. for Life Sci.	BIOL 2303 Plant Biology
					BIOL 2304 Animal Biology
					BIOL 2307 Genetics
					BIOL 2321 Cell Biology
					BIOL 2324 Ecology
					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

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.

NOTES:
 A min. grade of C is required for a BIOL course to serve as a prerequisite for another BIOL course.
 ■ MATH 1250/1251 Calculus for Life Sciences OR MATH 1210/1211 Introductory Calculus can be used here.
 ◆ 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)