

Concentration in Biology (105 credits)	Concentration in Biology (93 credits) Program abolished
Requirements 2003-2005	New course codes 2006
Compulsory first-year credits: 34 Suggested course stream for full-time students	Compulsory first-year credits: 24 Suggested course stream for full-time students
Fall:	Fall:
BIO1120 Introduction to Organismal Biology -4	BIO1130 Introduction to Organismal Biology 3
CHM1310 Principles of Chemistry -4	CHM1311 Principles of Chemistry 3
MAT1320 Calculus I 3	MAT1330 Calculus for the Life Sciences I 3
PHY1301 Principles of Physics I 3	PHY1321 Principles of Physics I 3
Winter:	Winter:
BIO1110 Introduction to Cell Biology -4	BIO1140 Introduction to Cell Biology 3
CHM1320 Organic Chemistry I -4	CHM1321 Organic Chemistry I 3
ENG1100 Workshop in Essay Writing 3	ENG1100 Workshop in Essay Writing 3
MAT1323 Calculus and Matrix Algebra -3	MAT1332 Calculus for the Life Sciences II 3
PHY1302 Principles of Physics II 3	PHY1322 Principles of Physics II 3
3 credits of non-science electives 3	3 credits of non-science electives 3
Compulsory second-year credits 30	Compulsory second-year credits 24
Fall:	Fall:
BIO2109 Ecology -4	BIO2129 Ecology 3
BIO2127 Introduction to Plant Science: Biodiversity to Biotechnology -5	BIO2137 Introduction to Plant Science: Biodiversity to Biotechnology 3
CHM2120 Organic Chemistry II 3	CHM2120 Organic Chemistry II 3
CHM2132 Physical Chemistry for the Life Sciences 3	CHM2132 Physical Chemistry for the Life Sciences 3
MAT2378 Probability and Statistics for the Natural Sciences 3	MAT2378 Probability and Statistics for the Natural Sciences 3
Winter:	Winter:
BIO2123 Genetics -4	BIO2133 Genetics 3
BIO2125 Animal Form and Function -5	BIO2135 Animal Form and Function 3
BCH2140 Introduction to Biochemistry 3	BCH2333 Introduction to Biochemistry 3
3 credits of non-science electives 3	3 credits of non-science electives 3
Compulsory third-year credits -32	Compulsory third-year credits 33
Twenty five of the 32 credits must be in biology courses at the 3000 and/or 4000-level. A minimum of three credits of laboratory or field work must be included among the 25 credits in biology.	Twenty-four of the 33 credits must be in biology courses at the 3000 and/or 4000-level. A minimum of three credits of laboratory or field work must be included among the 24 credits in biology.
This means either one laboratory course of three credits or two courses with a laboratory or field component.	This means either one laboratory course of three credits or two courses with a laboratory or field component.
Exceptionally, some courses offered by the Faculty of Science and taught by biology professors, can be considered as biology credits. Consult the Department.	Exceptionally, some courses offered by the Faculty of Science and taught by biology professors, can be considered as biology credits. Consult the Department.
Courses offered by the "Ontario Universities Program Field Biology" apply, consult the Department.	Courses offered by the "Ontario Universities Program Field Biology" apply, consult the Department.

Exceptionally, courses PHS3240 and PHA4107, CSI and MIC are recognized as science electives, but cannot count as biology credits.

6 credits non-science electives outside the Faculty of Science, Engineering and Medicine 6

Students should pay attention to co-requisites and prerequisites when selecting courses that may reflect their interest in biology such as Cell and Molecular Biology, Ecology, Physiology and Plant Biology.

Exceptionally, courses PHS3240 and PHA4107, CSI and MIC are recognized as science electives, but cannot count as biology credits.

6 credits non-science electives outside the Faculty of Science, Engineering and Medicine 6

Students should pay attention to co-requisites and prerequisites when selecting courses that may reflect their interest in biology such as Cell and Molecular Biology, Ecology, Physiology and Plant Biology.