

# B.Sc. MAJOR in MATHEMATICS

## Program Requirements

Humanities 3 credit hr	Arts/ECON 12 credit hr	Electives 36 credit hr	MATH/CSCI 6 credit hr	Science Breadth 18 credit hr ■	MAJOR Subject Area <b>MATHEMATICS</b> 42 credit hr
			◆CSCI 1226 Intro to Computing Science & Programming		MATH 1210 Introductory Calculus I
			CSCI 1227 <u>OR</u> CSCI 1228		MATH 1211 Introductory Calculus II
					MATH 2301 Applied Linear Algebra
					MATH 2305 Discrete Mathematics
					MATH 2310 Introductory Analysis
					MATH 2321 Linear Algebra II
					MATH 2311 Intermediate Calculus
					●MATH ≥ 23xx
					●MATH ≥ 23xx
					●MATH ≥ 23xx
					MATH 3441 Real Analysis I
					MATH ≥ 3xxx
					MATH ≥ 3xxx
					MATH 4420 Abstract Algebra I

A minimum GPA of 2.2 is required in the Major Subject Area courses.

**NOTES:**

- CSCI courses may be used to satisfy.
- ◆ A minimum grade of C is required in CSCI 1226 to take CSCI 1228
- MATH 1216 (Intro to Mathematical Statistics) acceptable for 3 credit hours  
 LIGHT GRAY = *suggested* schedule Year 1

*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*

**Course & Elective Options:**

**Sciences:** Astronomy, Biology, Chemistry, Computing Science, Environmental Science, Geology, Mathematics, Physics, Psychology (Excluding ASTR 1010, CHEM 1221, FRSC 2200, FRSC 2001, GEOL 1202, GEOL 1203, GEOL 1210, MATH 1202, and MATH 1203)

**Arts:** Anthropology, Arabic, Asian Studies, Atlantic Canada Studies, Chinese, Classics, Economics, English, French, German, Geography, Hispanic Studies, History, Irish Studies, Japanese, Linguistics, Philosophy, Political Science, Religious Studies, Sociology, Spanish, Women & Gender Studies

**Humanities:** Classics, English (other than 1205), History, Philosophy, Religious Studies and Modern Languages (courses in literature and/or culture)