

## B.Sc. MAJOR in MATHEMATICS Program Requirements

**2023-24  
Calendar**

Humanities 6 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  
 DARK GRAY = *suggested* schedule Year 2

*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, 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)