

## B.Sc. MAJOR in MATHEMATICS Program Requirements

**2025-26  
Calendar**

Humanities 6 credit hr	Arts/ECON 12 credit hr	Electives 39 credit hr	MATH/CSCI 6 credit hr	Science Breadth 18 credit hr	MAJOR Subject Area <b>MATHEMATICS</b> 45 credit hr
			♦CSCI 1226 Intro to Computing Science & Programming		MATH 1210 Introductory Calculus I
			♦ This degree requirement is satisfied through Major requirements		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 3441 Real Analysis I
					MATH 4420 Abstract Algebra I
					MATH 4436 Theory of Functions of a Complex Variable I
					MATH ≥ 3xxx
					MATH ≥ 3xxx
					MATH ≥ 3xxx
					MATH ≥ 3xxx

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

**NOTES:**

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), Earth Science/Geology, Mathematics, Physics, Psychology (Excluding ASTR 1010, CHEM 1221, MATH 1202, and MATH 1203)

**Arts:** Anthropology, Asian Studies, Atlantic Canada Studies, Chinese, Ancient Studies, Criminology, Economics, English, Entrepreneurship, French, German, Geography (Group A, C, D only), Global Development Studies, Health Wellness and Sport in Society, History, Intercultural Studies, Irish Studies, Japanese, Latin, Linguistics, Philosophy, Political Science, Public Humanities & Heritage, Religion, Sociology, Social Justice and Community Studies, Spanish, Women, Gender Studies & Sexuality

**Humanities:** Ancient Studies, Asian Studies, Atlantic Canada Studies, English, History, Intercultural Studies, Philosophy, Public Humanities & Heritage, Religion, and Modern Languages (courses in literature and/or culture)