

B.Sc. MAJOR in MATHEMATICS

Program Requirements

2024-25
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 MATHEMATICS 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, 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, Public Humanities & Heritage, Religion, Sociology, Social Justice and Community Studies, Spanish, Gender Studies & Sexuality.

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