

BACHELOR OF SCIENCE IN MATHEMATICAL SCIENCES

Catalogue

Major: MATHEMATICS

2020-2021

Student:

Date:

netID:

Advisor:

Year 1

Semester 1	Cr	Status	Semester 2	Cr	Status
CEMS 050 - CEMS First Year Seminar	1		MATH 022 - Calculus II	4	
CS 021 - Computer Programming I	3		MATH 052 - Fundamentals of Mathematics	3	
MATH 021 - Calculus I	4		Humanities & Social Science Course <sup>1</sup>	3	
Humanities & Social Science Course <sup>1</sup>	3		Humanities & Social Science Course <sup>1</sup>	3	
Allied Field Course <sup>2</sup>	3		Free Elective	3	

Year 2

Semester 1	Cr	Status	Semester 2	Cr	Status
MATH 121 - Calculus III	4		Major Course <sup>3</sup> (1XX)	3	
Allied Field Course <sup>2</sup> (with lab)	4		Major Course <sup>3</sup> (1XX)	3	
Allied Field Course <sup>2</sup>	3		Allied Field Course <sup>2</sup>	3	
Humanities & Social Science Course <sup>1</sup>	3		Humanities & Social Science Course <sup>1</sup>	3	
MATH 122 - Applied Linear Algebra OR MATH 124 - Linear Algebra (preferable)	3		Free Elective	3	

Year 3

Semester 1	Cr	Status	Semester 2	Cr	Status
MATH 241 - Analysis in Several Real Vars I	3		Major Course <sup>3</sup> (1XX)	3	
MATH 251 - Abstract Algebra I	3		Major Course <sup>3</sup> (2XX)	3	
Humanities & Social Science Course <sup>1</sup>	3		Allied Field Course <sup>2</sup>	3	
Allied Field Course <sup>2</sup>	3		Humanities & Social Science Course <sup>1</sup>	3	
Free Elective	3		Humanities & Social Science Course <sup>1</sup>	3	

Year 4