

Bachelor of Science

– Math –

2020-2021

GENERAL EDUCATION	38	COMP	GRD	MAJOR PROGRAM COURSES	37	COMP	GRD
Level I				MTH 170 Discrete Mathematics	3		
ENG 101 Composition or ENG 102 Advanced Composition (completed in 1 st two semesters)	3			MTH 201 Calculus I	4		
<i>Completed or initiated in first three semesters</i>				MTH 202 Calculus II	4		
FYS First Year Seminar (any number) (1 st semester)	1			MTH 203 Calculus III	4		
Communications (COM 101, 212, or 225)	0			MTH 242 Statistics	3		
Quantitative Reasoning (MTH 114 or above, PHL 105, BIS 140)	0			MTH 266 College Geometry	3		
Level II				MTH 342 Mathematical Statistics	3		
English (any except for 262, 320, 322, and 495)	3			MTH 350 Abstract Algebra	3		
Global & Cultural Diversity	3			MTH 360 Linear Algebra	3		
Fine Arts (any Art, Dance, Music or Theatre)	3			MTH 450 Differential Equations	3		
Science (any Biology, Chemistry or Phy Sci) must include Lab	4			MTH 495 Mathematics Seminar	1		
Math (MTH 242 or 162, or > MTH 114) or Natural Science	0			BIS 143 Application Programming using C++	3		
History (any history class)	3			SUPPORTING COURSES	6		
Social Science (ECO 150 or any Sociology or Psychology)	3			COM 212 Speech for Professionals	3		
Theology (any two classes)	6			BIS 140 Programming Concepts	3		
PHL 200 Moral Reasoning	3						
Philosophy (any Philosophy course)	3			ELECTIVES	29		
General Education Elective (any Liberal Arts Course)	3						
				MINOR	18		
				Choose any minor in catalog			
SUMMARY				SECOND MAJOR (optional)			
GENERAL EDUCATION	38			Minimum of 30 credits beyond first major —must complete all major courses and supporting courses specified for second major			
MAJOR	37						
MINOR	18						
SUPPORTING COURSES	6						
ELECTIVES	29						
TOTAL	128						

Acceptable courses for Global & Cultural Diversity will have (GCD) after the title.

Some courses may be counted in more than one category. Courses cannot be cross counted within general education. The student must still complete the specific total hours for graduation by taking additional electives.

Developmental courses cannot be counted toward graduation requirements.

Student may be required to complete prerequisite courses.