



**2023 – 2024 Bachelor of Science in Mathematics  
with a track in Mathematical Sciences**

Not an Official Record – Official Records from Office of Registrar

<b>General Education Requirements</b>	<b>Credits</b>
ENGL B101 or B105 ( <i>Composition &amp; Rhetoric</i> )	3
ENGL B102 or B106 ( <i>Composition &amp; Literature</i> )	3
COMM B140 or B201	3
Liberal Arts Elective <sup>1</sup>	6
HIST B101, B102, B111, B112, B115, or B116	3
Fine Arts <sup>2</sup>	3
Social/Behavioral Science	3
Natural Science (Lab optional)	3-4
Foreign Language (2 courses in the same language)	6
Global Citizenship & Multicultural Understanding <sup>3</sup>	3
REACH Act “Founding Documents” (HIST B111, B430, B442, B469, or POLI B201)	0-3
<b>Program Requirements</b>	
CSCI B102, B104, or B145 (Programming and Algorithmic Design)	3
PHYS B211/B211L ( <i>Essentials of Physics I/Lab</i> )	4
STAT B340 ( <i>Introduction to Probability and Statistics</i> )	3
<b>Core Major Requirements</b>	
MATH B141 ( <i>Calculus I</i> ), MATH B142 ( <i>Calculus II</i> ), and MATH B240 ( <i>Calculus III</i> )	12
MATH B174 ( <i>Discrete Mathematics</i> )	3
MATH B230 ( <i>Linear Algebra</i> )	3
MATH B242 ( <i>Differential Equations</i> )	3
MATH B300 ( <i>Introduction to Proof</i> )	3
MATH B401 ( <i>History of Mathematics</i> )	3
MATH B331 ( <i>Foundations of Geometry</i> )	3
MATH B410 ( <i>Abstract Algebra I</i> )	3
<b>Mathematical Sciences Track Requirements</b>	
MATH B450 ( <i>Analysis I</i> )	3
MATH B411 ( <i>Abstract Algebra II</i> ) or MATH B451 ( <i>Analysis II</i> )	3
MATH B480 or (MATH B497 & B499)	3
300/400 course in MATH	3
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**Minimum Credit Hours Required for Graduation: 120 Credits**

<sup>1</sup>Courses from the following disciplines: AFAM, ANTH, ARTH, ARTS, ECON, ENGL, FREN, GEOG, GERM, HIST, MUSC, PHIL, POLI, PSYC, RELG, SOCY, SPAN, COMM, THEA. IDST B260 may be used to fulfill this requirement. One-hour credits in MUSC and THEA may not be used to fulfill this requirement

<sup>2</sup>Courses from the following disciplines: ARTH, ARTS, MUSC, THEA, ENGL B180. 1-hour credits in MUSC and THEA may not be used to fulfill this requirement.

<sup>3</sup>The following courses fulfill this requirement: ANTH B102, ANTH B312, ANTH B317, ANTH B351, ANTH B352, ANTH B452, COMM B450, EDCI B322, ENGL B270, ENGL B291, ENGL B441, GEOG B121, GLST B301, GLST, B398, HIST B109, HIST B115, HIST B116, HRTM B360, NURS B330, PSYC B380, PUBH B300, PUBH B324, RELG B203, SOCY B315, SPAN B380.