

**2022 – 2023 Bachelor of Science in Mathematics
with a track in Secondary Teacher Education**

Not an Official Record – Official Records from Office of Registrar

General Education Requirements	Credits
ENGL B101 or B105 (<i>Composition & Rhetoric</i>)	3
ENGL B102 or B106 (<i>Composition & Literature</i>)	3
COMM B140 (<i>Public Communication</i>)	3
Liberal Arts Elective ¹	6
HIST B101, B102, B111, B112, B115, or B116	3
Fine Arts ²	3
PSYC B101 (<i>Introduction to Psychology</i>)	3
Natural Science (Lab optional)	3-4
Foreign Language (2 courses in the same language)	6
Global Citizenship & Multicultural Understanding ³	3
REACH Act “Founding Documents” (<i>HIST B111, B430, B442, B469, or POLI B201</i>)	0-3
Program Requirements	
CSCI B102, B104, or B145 (<i>Programming and Algorithmic Design</i>)	3
PHYS B211/B211L (<i>Essentials of Physics I/Lab</i>)	4
STAT B340 (<i>Introduction to Probability and Statistics</i>)	3
Core Major Requirements	
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
Secondary Teacher Education Track Requirements	
MATH B419 (<i>Mathematical Modeling</i>) or MATH B427 (<i>Numerical Analysis</i>)	3
MATH B421 (<i>Mathematics for Secondary Teachers</i>)	3
EDFO B321 (<i>Foundations of American Education</i>)	3
EDPY B335 (<i>Introduction to Educational Psychology</i>)	3
EDEX B301 (<i>Introduction to Exceptional Populations at the Secondary Level</i>)	3
EDCI B100 (<i>Observation and Analysis</i>)	3
EDCI B320 (<i>Curriculum Planning, Technology, and Assessment in Secondary Education</i>)	3
EDCI B442 (<i>Organization and Management in the Secondary Classroom</i>)	3
EDME B430 (<i>Teaching Mathematics in the Secondary School</i>)	3
EDME B430P (<i>Practicum in Teaching Mathematics in the Secondary School</i>)	2
EDRD B319 (<i>Foundations of Reading for Middle and Secondary Teachers</i>)	3
EDRD B419 (<i>Content Area Literacy for Middle and Secondary Teachers</i>)	3
EDME B476 (<i>Senior Seminar in Secondary Teacher Education</i>)	3
EDME B469 (<i>Internship in Secondary Teacher Education</i>)	12

Minimum Credit Hours Required for Graduation: 120 Credits

¹Courses 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

²Courses 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.

³The 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, RELG B203, SOCY B315, SPAN B380.