

Possible Sequence of Classes, B.S. in mathematics (certifiable for secondary teaching)

Semester 1 16 credits <i>MATH 152 Calculus I (Sk II) (4)</i> MATH 120 Problem Solving I (1) <i>ENG 110 Composition (Sk I) (3)</i> <i>HIST 161 or 162 United States (St II) (3)</i> <i>Study Area I course (3)</i> <i>PE 144 Wellness (Sk IV) (2)</i> <i>Includes a First Year Experience (FYE) course</i>	Semester 2 17 credits MATH 221 Calculus II (4) MATH 211 Clinical Exp. I (1) <i>CS 151 Computer Science I (Sk II) (3)</i> <i>PSY 236 Life Span (St III) (3)</i> <i>Literature course (St I) (3)</i> <i>Skill Area I course (3)</i>
Semester 3 18 credits MATH 218 Discrete Mathematics (4) MATH 220 Problem Solving II (1) <i>CHEM 161-2 or PHYS 125 (St IV) (4)</i> <i>Study Area I course with "I" designation (3)</i> <i>Study Area II course (3)</i> Open Elective or <i>Language 111 (3)</i> Make final decision to major in mathematics.	Semester 4 17-18 credits MATH 228 Linear Algebra (4) <i>CHEM 163-4 or PHYS 126 (St IV) (4)</i> <i>Study area II course with "I" designation (3)</i> <i>Study area III course (3)</i> Open Elective or <i>Language 112 (Sk III) (3)</i> Optional Mathematics Elective (1) Apply to Professional Program this semester.
Spring 17-18 credits MATH 366 Intro Abstract Algebra (4) MATH 327 Curriculum and Technology I (3) MATH 320 Problem Solving III (1) EDF 415 Educational Foundations (3) Mathematics Electives (3-4) Open Elective (3)	Fall 17-18 credits STAT 314 Intro Stat for Sec Teachers (3) MATH 377 Intro Real Analysis (4) MATH 328 Curriculum and Technology II (3) ¹EDTE 316 Principles of Learning (4) ¹SPED 315 Learners with Exceptionalities (3) Optional Mathematics Elective (1)
Spring 16-17 credits MATH 313 Number Sys Adv Viewpoint (3) MATH 383 College Geometry (3) ²MATH 413 Teaching Math Sec School (4) ²RDG 440 Literacy Secondary School (3) ²EDSC 425 Principles Secondary Educ (3)	Fall 10 credits ³EDSC 435 Student Teaching (9) ³MATH 426 Student Teaching Seminar (1)

Total number of credits required: 130

General Education Courses are italicized.

Professional Program Courses are boldface.

¹EDTE 316 and SPED 315 must be taken in the same semester and before EDSC 425 and MATH 413.

²MATH 413 and EDSC 425 must be taken in the same semester. Full time students should also take RDG 440 at the same time.

³EDSC 435 and MATH 426 must be taken in the same semester after all other professional program courses are completed.