MATHEMATICS—Secondary Education
Bachelor of Education (BEd.)

Required Mathematics courses (40 credit hours)

MA 140 Introduction to Statistics (3)
MA 151 Calculus and Analytic Geometry I (5)
MA 152 Calculus and Analytic Geometry II (5)
MA 253 Calculus and Analytic Geometry III (3)
MA 260 Introduction to Number Theory (3)
MA 301 Linear Algebra (3)
MA 307 Discrete Mathematics (3) (PH 220 Symbolic Logic is a prerequisite)
MA 354 Abstract Algebra (3)
MA 367 Modern Geometry (3)
MA 371 Introduction to Real Analysis I (3)
MA 381 History of Mathematics (3)
MA 380 Problem Solving Strategies (1)

Select two of the following (2):
- MA 315 Teaching Mathematics (1)
- MA 317 Teaching Trig (1)
- MA 388 Capstone Research (1)
- MA 380 Problem Solving Strategies (1) (taken a second time)
- MA 316 Teaching Algebra (1)
- MA 318 Teaching Stats (1)
- ED 349 Middle Level Math Practicum (1)

Required Education Courses (39 credit hours)

ED 155 Teaching, Learning, Leadership (3)
ED 165 Examining Teaching as a Profession (3)
ED 275 Exploring Teaching as a Profession (3)
ED 285 Educational Psychology (3)
ED 295 Experiencing Teaching as a Profession (3)
ED 302 Teaching Exceptional Learners (3)
ED 354 Curriculum and Assessment (3)
ED 363 Method of Teaching (3)
ED 395 Extending Teaching as a Profession (3)
ED 410 Secondary Student Teaching (12)

Additional Specific Degree requirements (6 credit hours)

WU 101 Washburn Experience (3)
EN 300 Advanced College Writing (Teaching Emphasis)

General Education (31-32 credit hours)

EN 101 Introductory College Writing (3)
EN 200 Intermediate College Writing (3)
CN 150 Public Speaking (3)
4-5 credit hours of Natural Sciences with a lab
6 credit hours of Arts and Humanities from two different disciplines Arts and Humanities 1 (3) (**PH 220 can count here**) Arts and Humanities 2 (3)
6 credit hours of Social Sciences from two different disciplines Social Science 1 (3) Social Science 2 (3)
6 credit hours of Institution Specific from two different disciplines Inclusion and Belonging (3) Scientific Literacy (3)

General Degree requirements

45 total credit hours of 300 level or above (*satisfied with specific courses listed above*)
72 hours in College of Arts and Sciences (*satisfied if all Gen Ed courses are in the College*)
120 total hours needed