

**Washburn University
Teacher Licensure Plan
Math grades 6-12**

Name _____ Date _____

Contact Information _____

Degree Institution Major Year

Content Area Course Requirements

Course Substitutions

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 376 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 316 Teaching Algebra (1)

MA 317 Teaching Trip (1)

MA 318 Teaching Stats (1)

MA 388 Capstone Research (1)

ED 349 Middle Level Math Practicum (1)

MA 380 Problem Solving Strategies (1) taken a second time

Professional Education Course Requirements

ED 155 Teaching, Learning and Leadership (3)

ED 285 ED Psychology (3)

Apply to Professional Education Program after completion of ED 155 and 285.

SEE Department of Education website for details.

ED 165 ED 1-Examining Teaching as a Profession (3)

ED 275 ED 2-Exploring Teaching as a Profession (3)

ED 295 ED 3-Extending Teaching as a Profession (3)

ED 395 ED 4-Exploring Teaching as a Profession (3)

ED 302 Exceptional Learners (3)

ED 3XX Required Content Area Methods Course (3) see Math Department

ED 354 Curriculum and Assessment (3)

ED 410 6-12 Student Teaching (12)