Middle Grade Mathematics Major

This major encompasses the coursework requirements for Illinois teacher licensure in (5-8) mathematics. Students must apply and be formally admitted to the Teacher Education Program to enter upper-level coursework. All courses must be be completed with a grade of C- (1.7) or higher. Students must maintain cumulative GPA of 2.750 or higher to remain in the program and fulfill licensure requirements. Students also must pass the State mandated content area tests prior to student teaching: Test 202 Middle Grades (5-8) math.

Prerequisite Coursework for Admission to Middle Grade Mathematics

Students must complete at least half of their courses at Elmhurst University and must complete three full terms at Elmhurst University prior to student teaching.

The following Education courses are required for licensure:

- EDU 104 Cultural Foundation of Education in the United States
- EDU/SEC 223 Education of PK-12 Learners with Exceptionalities
- EDU/SEC 311 Educational Psychology
- SEC 100 Introductory Seminar to Teaching as a Caring Profession (.25)
- SEC 300 Intermediate Seminar for Teaching in Diverse and Inclusive Schools (.25)
- SEC 310 Methods and Best Practices in Middle and Secondary Education
- TEL 317 Methods and Materials for Teaching English Language Learners (.75)
- SEC 360 The Middle School: History, Philosophy, Organizational Structures and Best Practices
- SEC 421 Theory and Practice for Building Academic Literacies in K-12
- MTH 441 The Teaching of Middle School Mathematics
- SEC 450 Advanced Seminar in Teacher Collaboration and Professional Practice (.25)
- SEC 455 Student Teaching in Secondary and Middle Schools (3.00); requires formal admission to student teaching

The following Mathematics courses are required for licensure (5-8):

- MTH 132 Pre-calculus
- MTH 151 Calculus I (or instead of MTH 132 and MTH 151, take MTH 151 and MTH 152)
- MTH 301 Discrete Mathematics
- MTH 331 Foundations of Geometry
- MTH 325 Mathematical Concepts for Elementary Teachers I
- MTH 345 Elementary Statistics (or MTH 346 Statistics for Scientists)