

Middle Grade Mathematics Endorsement

Any teacher candidate applying for licensure and seeking a middle grade mathematics endorsement to be added to an elementary or high school license will need to meet Illinois middle grade mathematics requirements of 24 semester hours and **pass the middle level mathematics content exam**. *Any mathematics course counted toward the middle grade endorsement must have a final grade of C- or higher.*

Mathematics Middle Grade Endorsement: 24 hours

Required for Elementary Majors (14 hrs.)

Mathematics courses toward general education (4 hrs. required toward CatC's AAQR tag):

MATH 107 Finite Mathematics (4 hrs.)

or

MATH 263 Introduction to Statistics (4 hrs.)

MATH 125 Mathematics for Elementary and Middle School (4 hrs. for elementary education majors) Offered only in fall semester, must be taken prior to EDUC 315 and only required for Elementary education majors seeking the middle grade math endorsement

**MATH 325 Theories and Methods of Teaching Middle School Mathematics (2 hrs.) Offered spring semester of junior or senior year

EDUC 315 Math Content and Methods (4 hrs. for elementary education majors) Offered as part of the spring semester methods block, and only required for elementary education majors seeking the middle grade math endorsement

Additional Course Options (10 hrs- but it will likely be 12 hours due to 4-hour course offerings)

Select hours from the following areas:

**MATH 263 Introduction to Statistics (4 hrs., if not taken as CatC's AAQR tag)

**Calculus (MATH 231- 4 hrs.; MATH 232-4 hrs.); [Math 233, 234 if granted as AP Credit]

Modern Algebra or Number Theory or Linear Algebra

**Geometry (MATH 362- 4 hrs.—offered next: Spring 2019)

Computer Science

**Discrete Mathematics (MATH 243- 4 hrs.)

MATH 301 Introduction to Upper-Level Mathematics

MATH 333 Differential Equations

Required for Math and Secondary Education Majors

Complete mathematics major and secondary education major, including MATH 324 Theories and Methods of Teaching High School Mathematics and MATH 325 Theories and Methods of Teaching Middle School Mathematics

Final Step:

Pass the Illinois Middle Level Mathematics Content Exam

** Recommended