

Middle Grades Endorsements General Information

Unless you have a K-12 Certificate and are teaching in the primary area of your K-12 certificate (PE, Art, Music, Foreign Language, Special Education), you must have a Middle Grades Endorsement on either your Elementary or Secondary Certificate in order to teach grades 5-8. To become eligible for this endorsement you must complete the required number of hours in the specific content field(s) and complete courses focused on teaching in the middle grades. At EIU, the undergraduate courses are:

MLE 3110
MLE 4280
MLE 4760

Individuals who complete approved K-12 programs in Physical Education, Music, Art, Foreign Languages, and Special Education receive a K-12 certificate endorsed in the area of their approved program for the full grade range of the certificate (K-12 which obviously includes middle school). These individuals can add endorsements to this certificate but must meet all state requirements for any added endorsements. For these individuals to add middle school endorsements they must meet both the content course hour requirements and they must take the required middle school courses (three courses if they are an undergraduate or two courses if they are a graduate student).

Prior planning should be done to incorporate these courses into your long-range plan. A minimum of two semesters are required to complete the endorsement as MLE 3110 (requires University Approval to Take Teacher Education Courses) is a prerequisite to MLE 4280 and MLE 4760. In addition, it is highly recommended that you also take the Middle School Practicum (MLE 4000). If you do not wish to take these courses immediately you may wait and add the endorsement by taking specific courses (either through EIU or another institution) at a later time. Post-baccalaureate teacher certification candidates or graduate students seeking to add the endorsement can choose to take MLE 5110 and MLE 5150 instead.

Specific Requirements

- **Requirements for Middle Grades Endorsements (with exception of Math)**
 - Middle Grades Coursework including
 - MLE 3110, 4280, and 4760 (or MLE 5110 and 5150)
 - **And** 18 semester hours in the content field *
- **Requirements for Middle Grades Endorsement in Mathematics**
 - Middle Grades Coursework including
 - MLE 3110, 4280, and 4760 (or MLE 5110 and 5150)
 - **And** 18 semester hours in Mathematics including
 - 3 sh Methods of Teaching Math Grades 6-8 (MAT 3620)
 - 15 sh spread into at least four of the following areas: Math Content for Elem Teachers, Calculus, Modern Algebra, Geometry, Computer Science, Statistics, or History of Mathematics (see next page for breakdown of courses falling into each category)

* Social Science coursework includes History, Geography, Economics, Psychology, Political Science, Sociology

* General Science requires coursework in both Physical Science (Chemistry, Physics, Geology) and Biological Science (Biology)

* English Language Arts coursework includes English and Speech/Communications

Middle School Math Endorsement Requirements (Eastern Illinois University)
Revised November 1, 2009
Effective Spring 2010

In addition to the required middle school coursework, the middle school math endorsement requires a three-semester hour course in methods of teaching mathematics in the middle grades (MAT 3620) and 15 semester hours selected from four of the topics below (I have included the courses that the Math Department has identified as falling into each of the categories):

- A. Math content courses for elementary teachers, (MAT 1420, 2420*)
- B. Calculus, (MAT 2110, 1441, 2442, 4810-Calculus)
- C. Modern algebra or number theory, (MAT 4810-Number Theory, 4810-Algebra, 4920**, 2800, 4910)
- D. Geometry, (MAT 4810-Non-EuclideanGeometry, 3271)
- E. Computer science, (MAT 4810- Math Modeling, 2170)
- F. Probability and statistics, (MAT 4810-Probability, 2250, 3701)
- G. History of mathematics. (MAT 4810-History, 4900)

*MAT 2420 – If this course was taken prior to Spring 2010 it can also be used in the Geometry category

**MAT4920 - If this course was taken prior to Spring 2010 it can also be used in the Geometry category or the Math content courses for elementary teachers category

It is important for everyone to know that the Math department does not consider MAT 1271 a modern algebra course and therefore we do not use the course as meeting one of the four areas.

Note: Topics for MAT 4810 may change over time, if you have questions on which area a particular MAT 4810 course may fall please contact the Department of Mathematics and Computer Science.