



# INDIANA UNIVERSITY

SCHOOL OF EDUCATION

Department of Curriculum and Instruction  
Bloomington

## Mathematics Education Specialization within Secondary Education Master's Degree Program

The Mathematics Education specialization is developed individually in order to meet each student's background and goals. It includes courses from both the School of Education and the College of Arts and Sciences.

- 1. General Curriculum (3 hours): Education J500**
- 2. Special Program Area Basic Course (3 hours): Education N517 or N518**
- 3. Specialized Studies (12 hours): Select six credit hours of mathematics courses at the 400 level or above. Education E543 is also required for persons desiring junior high/middle school mathematics certification. The remaining 3-6 hours are selected under the direction of your advisor. Courses may be from the School of Education or from the College of Arts and Science. Selected courses must have unified focus and be approved by your advisor.**
- 4. Foundational Areas & Inquiry Skills (3 hours minimum): Select at least one of the following Education courses: P501, P507, P510, P516, P525, P540, P544, Y502, Y520, H504, H510, H520, or H530. Other courses may be needed for special skills related to completion of a particular practicum or thesis topic.**
- 5. Electives (9 hours): These courses must have a unified mathematical focus and the approval of your advisor. You are encouraged to enroll in Education courses E543, N590, and/06 N716. (Note: N590 may be repeated.)**
- 6. Thesis or Practicum Option (6 hours): Practicum proposals and thesis topics must be selected with the approval of your advisor. Practicums must extend over at least two semesters or one semester and a regular summer session. Six hours of advanced course work may be substituted in lieu of a thesis or practicum option.**