

UNIVERSITY OF MARYLAND, COLLEGE PARK
Requirements for M.Ed. In Teacher Leadership
Elementary/Middle School Education – Mathematics Focus

A. Core Requirements: 15 credits minimum

1. Studying Student Learning in Diverse Settings (3 credits).

Suggested course/s: EDCI 697 Studying Student Learning in Diverse Settings (3 credits)

2. Research Foundations for Teaching (3 credits).

Suggested course/s: EDCI 698 Conducting Research on Teaching (1 credit in Fall + 2 credits in Spring for 3 credits total)

3. Practices and Policies Support for Teaching (3 credits).

Suggested course/s:
EDCI 687 Applications of Computers in Instructional Settings (3 credits)
EDCI 654 Assessing Mathematical Understanding (3 credits)

4. Leadership in Schools (3 credits).

Suggested course/s:
EDCI 682 Proseminar in Professional Development (3 credits)
EDCI 781 Analysis of Instruction (3 credits)
EDPL 788Y Special Topics in Education Policy and Administration: Teacher Leadership (3 credits)

5. Professional Development Seminar (3 credits).

Suggested course/s: EDCI 614 Developing a Professional Portfolio (3 credits)

B. Specialization Area Studies: 15 credits minimum

Specialization area courses consist of subject area content and pedagogy and other professional courses that support the professional development plan created by the M.Ed. candidate; the candidate develops this plan with the specialization area advisor based upon initial needs assessment in relation to the vision of accomplished practice.

1. Introductory Course (3 credits)

EDCI 650 Trends in Mathematics Education (3 credits)

2. Pedagogy and Content (9 credits)

Suggested course/s:
EDCI 653 Developing Understanding in Mathematics (3 credits)
EDCI 654 Assessing Mathematical Understanding (3 credits)
EDCI 657 Understanding and Engaging Students' Conceptions of Mathematics (3 credits)
EDCI 687 Applications of Computers in Instructional Settings (3 credits)

3. Electives (3 credits)