



# UNIVERSITY OF MARYLAND

COLLEGE OF EDUCATION

Department of Teaching and Learning, Policy and Leadership

## **M.Ed Curriculum and Instruction Teaching and Learning Mathematics in Middle School**

This is a 30-credit program intended for teachers already certified in elementary education, special education, or in ESOL. These teachers should be teaching or planning to teach in subject matter classrooms in fourth- through ninth-grade classrooms. This is a cohort-only program offered in partnership with the Mathematics Department at the University of Maryland and local school districts.

It is a three-year, content-based masters' program that prepares teachers to become highly qualified in middle grades mathematics by strengthening their content knowledge and their professional knowledge about teaching mathematics to students in diverse school settings. This research-based program involves coursework in mathematics content, mathematics education, curriculum-based integrated content and pedagogy courses, as well as an action research course.

All graduates of the Master's degree in EDCI demonstrate that they: 1) are able to engage in the careful analysis of and reflection on their own and others' teaching as a basis for continuing growth as a professional; 2) understand the content, topics, issues, practices, and policies that support effective classroom practice for diverse students in diverse school settings; 3) are able to engage in effective instruction for diverse students; 4) possess the capacity to engage in disciplined inquiry into curriculum, teaching, and students' learning as a basis for decision-making in the classroom, leadership roles in schools, and/or support of research and theory development in the field.

## Middle School Mathematics Partnership Program

	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>
FALL	MATH 498 Number for Middle School Teachers	MATH 480 Algebra for Middle School Teachers EDCI 698 (1) Conducting Research on Teaching	EDCI 650 Trends in Math Education
SPRING	EDCI 655 Teaching and Learning Algebra in the Middle School Curriculum	EDCI 656 Teaching and Learning Statistics and Data Analysis in the Middle School EDCI 698(1) Conducting Research on Teaching	EDCI 645 Teaching and Learning Geometry in the Middle School (3 credits)
SUMMER	EDCI 653 Problem solving and innovative thinking in the mathematics classroom	Math 481 Statistics and Data Analysis for Middle School Teachers (3 credits) EDCI 698 (1) Conducting Research on Teaching	EDCI 654 Assessing Mathematical Understanding (3 credits)

## **Application Guide for: Middle School Math: M.Ed. Program (Degree Seeking)**

Apply to the graduate school at the University of Maryland College Park at <https://gradschool.umd.edu/admissions/application-process/step-step-guide-applying>

Scroll down to see the application link for other programs

This application guide will help to fill out the information specific to our program from the graduate school application website. Please read the information in the Graduate School website carefully. A **first step** is to **request your transcripts** from post-secondary institutions you've attended. You will need to submit unofficial copies online and mail your official copies. Also, **request 3 recommendation letters** (find details below) as these steps often hold back the applications.

There are two areas of the application that often create questions from the applicants: Maryland Residency and Educational Intent. It is important that you input all the information to ensure your application is properly identified. Upon completion, notify the program director, Dr. Beatriz Quintos at [bquintos@umd.edu](mailto:bquintos@umd.edu), to facilitate processing your application through the online system.

### MARYLAND RESIDENCY

Although the program offers flat rate tuition to all participants in the MCPS/UM Partnership regardless of residency, you need to complete the residency classification section. If you are an out-of-state applicant, you may be required to pay the higher out-of-state rate if you take courses outside of the program or out of sequence with your cohort<sup>1</sup>. You will need information from the following documents to demonstrate you are an in-state resident: **driver's license, registration of your motor vehicle, registration to vote, Maryland income tax returns**. You need to include the **specific date** (day/mo/yr) given.

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<sup>1</sup> For in-state and out-of-state students, all University of Maryland College Park campus-based mandatory fees will be waived, except for the technology fee since students use these services throughout the program.

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## EDUCATIONAL INTENT

The screenshot shows the 'Graduate Educational Intent' form on the University of Maryland website. The page has a red header with navigation links: DASHBOARD, MESSAGES, PROFILE, TECHNICAL SUPPORT, and LOG OUT. The University of Maryland logo is on the left. A sidebar on the left contains links for Recommendations, Check Your Application, Application Instructions, and a PRINT FORMS button. The main form area is titled 'Graduate Educational Intent' and contains several dropdown menus: College/School\* (College of Education), Program of Study\* (Curriculum and Instruction (EDCI)), Degree\* (M.Ed.), Area of Interest 1\* (Middle School Mathematics Teaching/Learning (Montgomery County/Off-Cam)), Area of Interest 2 (-- please select from the options below --), and Area of Interest 3 (-- please select from the options below --). There is a text input field for 'Statement of Purpose\*' with an 'Upload Document' button and a link for 'Click Here for Essay instructions.'. At the bottom of the form are buttons for 'Save', 'Save & Continue', 'Reset', and 'Submit Application'. The footer contains links for Technical Support, Privacy & Security, System Requirements, and Helpful Hints.

UNIVERSITY OF MARYLAND

DASHBOARD MESSAGES PROFILE TECHNICAL SUPPORT LOG OUT

THE GRADUATE SCHOOL

Recommendations  
Check Your Application  
Application Instructions  
PRINT FORMS

**Graduate Educational Intent**

College/School\* College of Education

Program of Study\* Curriculum and Instruction (EDCI)

To which graduate program would you like to apply?

Degree\* M.Ed.

Which degree within the program selected above do you wish to apply for at this time?

Click Here for Essay instructions.

Statement of Purpose\* Upload Document e.g. .doc, .pdf, .txt, .xls More

Area of Interest 1\* Middle School Mathematics Teaching/Learning (Montgomery County/Off-Cam)

Area of Interest 2 -- please select from the options below --

Area of Interest 3 -- please select from the options below --

Save Save & Continue Reset

Submit Application

Technical Support | Privacy & Security | System Requirements | Helpful Hints

**Term of Entrance:** Fall 2018  
**College/School:** College of Education  
**Program of Study:** Curriculum and Instruction (EDCI)  
**Degree:** M.Ed.  
**Full-Time/ Part-Time Status:** Part-Time  
**Area of Interest 1:** Middle School Mathematics Teaching/Learning (Montgomery County/Off\_Campus)

**NOTE:** After completing the Educational Intent page, and uploading your "Statement of Purpose" hit "save & continue". This will take you to the "Previous Education" page, which is where you will upload a copy of your unofficial transcript.

## **Application Requirements:**

### Graduate School Minimum Requirements

The Graduate School at UMD requires a minimum GPA of 3.0. If you do not meet Graduate School minimum requirement of 3.0 GPA (on a 4.0 scale) in all prior Undergraduate and Graduate work, please submit a petition for a letter of support from the program coordinator, contact Beatriz Quintos at [bquintos@umd.edu](mailto:bquintos@umd.edu) to make this request.

### University of Maryland's Graduate Application Process

The University of Maryland's Graduate School accepts applications through its [ApplyYourself/Hobsons](#) application system. Before completing the application, applicants are asked to check the Admissions Requirements site for specific program instructions.

As required by the Graduate School, all application materials are to be submitted electronically:

- Graduate application
- Transcripts (upload unofficial copy to application). Please note that upon admission by The Graduate School applicants are required to submit an official transcript for enrollment at the University of Maryland, College Park.

The official transcript should be sent to the graduate school.

University of Maryland College Park  
Enrollment Services Operation –  
Attn: Graduate Admissions  
Room 0130 Mitchell Building  
College Park, MD 20742

- \*Statement of Purpose (see details below)
- Resume
- Letters of recommendation (provide recommender's name & email on application- recommender will be contacted by auto-generated email to submit their electronic recommendation)
- Non-refundable application fee (\$75) for each program to which an applicant applies

The electronic submission of application materials helps expedite the review of an application. Completed applications are reviewed by an admissions committee in the graduate degree program to which you apply. The admission recommendations from the

programs/departments are submitted to the Dean of the Graduate School. Thus, all degree-seeking applicants must be formally admitted to the University of Maryland Graduate School. To ensure the integrity of the application process, the University of Maryland authenticates submitted materials through [TurnItIn for Admissions](#).

\*Statement Of Purpose:

Write a brief (1000 - 2000 word) statement addressing the following two questions:

- What are your reasons for undertaking graduate study at the University of Maryland, College Park? Indicate, if appropriate any specific areas of research interest. You may wish to discuss past work in your intended field or allied fields, your plans for a professional career, or how you developed your interest in or knowledge of your chosen subject.
  
- What life experiences have prepared you to pursue a graduate degree at a large and diverse institution such as the University of Maryland? Among the items you might care to include would be your financial, community and family background, or whether you are the first person in your family to pursue higher education or any other factors that you believe would contribute to the diversity of our academic community. You may also wish to give the graduate admissions committee some examples of your determination to pursue your goals, your initiative and ability to develop ideas, and/or your capacity for working through problems independently.