

# Mathematics Education BCPS Cohort



Enrolling for Fall 2025

**Want to  
know more?  
Visit the links  
below!**

## PROGRAM HIGHLIGHTS

Dual Program:

- M.S. in Mathematics Education
- Graduate Certificate in Accomplished Teaching for Student Impact

Support for National Board for Professional Teaching Standards (NBPTS)

Professional Learning Community

Mathematical Knowledge for Teaching

Equity and Justice-Centered Pedagogy

Technology-Enhanced Teaching

[Click here](#) to submit the interest form!

[Click here](#) for the slide deck from the virtual info session!



**TU**  
**TOWSON**  
**UNIVERSITY.**



For more information, contact:  
Dr. Diana Cheng  
Program Director  
[dcheng@towson.edu](mailto:dcheng@towson.edu) || 410-704-2086

# ELEMENTARY/MIDDLE TRACK PROGRAM OVERVIEW

FOR TEACHERS  
OF GRADES 3-8

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30 CREDITS

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HYBRID  
INSTRUCTION

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## Sequence of Courses

*\*\* NBPTS Support Offered*

**MTED 613**  
Mathematical Modeling in the School Classroom

**MATH 626**  
Makerspace Technology in School Mathematics

**MTED 604**  
Mathematical Structure of Numbers and Operations in Base 10

**MTED 610**  
Student Thinking in Ratio and Proportional Reasoning

**MTED 615**  
Geometry for Middle School Teachers

**SCED 647\*\*** (Component 1)  
Advanced Processes of Teaching and Learning

**MTED 611**  
Algebra in the School Curriculum

**ELED 648\*\*** (Component 2)  
Differentiating Instruction for Advanced Learning

**EDUC 660\*\*** (Component 3)  
Matters of Diversity, Equity, and Empowerment in Learning Communities

**SPED 603\*\*** (Component 4)  
Informal Tests and Measurements for Students with Disabilities  
PreK-12