

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:
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ELEMENTARY/MIDDLE TRACK PROGRAM OVERVIEW

FOR TEACHERS
OF GRADES 3-8

30 CREDITS

HYBRID
INSTRUCTION

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