Field of Mathematics Education

The MPEd in the field of Mathematics Education prepares students for professional and leadership roles in mathematics education. Courses link research and practice by using a practitioner-scholar approach, and assignments offer students the opportunity to apply knowledge and investigate authentic problems of practice related to mathematics education.

The program is embedded within adult learning literature and employs signature pedagogies and a cohort model constructed on the principles underlying communities of learners. Although research is embedded within all courses, the program itself is course-based and requires a capstone project component in the final term.
Why Western Education’s MPEd?

Real-world Focus
Designed for professionals who wish to advance their careers.

Online Delivery
Complete the MPEd online from anywhere in the world.

Continue Working
Continue working while pursuing your degree.

Field of Mathematics

This two-year, online program is designed for professional educators who wish to:

- improve their performance and progress in math educator roles
- develop expert knowledge in mathematics education
- strengthen their leadership skills for real-life practice
- build problem solving skills using research, theory and practice
- obtain a Master’s degree in the field of Mathematics

Learn to apply traditional and contemporary methods to engage students with math
Develop expert knowledge on the different approaches to teaching mathematics, including the use of science, art and music concepts.

Examine real problems of practice to heighten problem solving skills and apply new knowledge
Consider real situations in your coursework to understand how research, theory and your own practical experience can be used to address challenges in math education.

Succeed in a cohort model of learning that builds online community and promotes idea sharing
Proceed from start to finish with a single group of online learners and thrive in the supportive, nurturing community that develops from this model.

Admission Requirements

- A four-year degree (20 full courses or equivalent) from an accredited university
- Minimum "B" standing (70%) or equivalent in the final two years of study

Notes & Exceptions:

- Bachelor of Education and Additional Qualification course grades are not used in calculating admission averages
- Applicants with three-year degrees will be considered on a case-by-case basis if seats are available in the program
- Successful experience as an educator in a professional setting may be considered in the selection process
- The successful completion of an MPEd degree does not lead to certification with the Ontario College of Teachers (OCT)
- A degree or specialization in mathematics is not a requirement for admission to this program

Course Titles

- Teaching and Learning Mathematics Today
- Computational Thinking in Mathematics and Science Education
- Mathematics for Teachers
- Mathematics Education through the Arts
- Understanding Research Methods for Educational Practice
- Understanding Curriculum Leadership for Educational Practice
- Capstone Course

Learn More

Interested applicants are encouraged to learn more by visiting our website, calling the program office or emailing questions to the address below. We look forward to hearing from you.