

WATERLOO

FACULTY OF MATHEMATICS
UNIVERSITY OF WATERLOO

MASTER OF MATHEMATICS FOR TEACHERS

A PART-TIME, ONLINE MASTER'S DEGREE
FOR CURRENT MATH TEACHERS



WATERLOO
MATHEMATICS



The CENTRE for EDUCATION in
MATHEMATICS and COMPUTING

MASTER OF MATHEMATICS FOR TEACHERS (MMT)

Earn your Master's degree online by learning some mathematics designed to help improve your teaching.

Great mathematics teachers have strong mathematical skills, and are able to provide modern and historical contexts to the coursework they deliver. I wanted a Master's program in mathematics that would strengthen my skill set specifically as a secondary school mathematics teacher. The MMT successfully provided the tools to achieve this, and I highly recommend the program.

– MMT GRADUATE, BASEL, SWITZERLAND

The MMT:

- » is designed for current math teachers
- » is a part-time, online Master's degree available to current math teachers anywhere in the world
- » gives current teachers a deeper understanding of the mathematical foundations relating to core secondary school curricula
- » exposes teachers to important applications of mathematics
- » takes advantage of the strength and breadth of Waterloo's world-renowned Faculty of Mathematics and Centre for Education in Mathematics and Computing
- » has no requirement to be in Waterloo
- » has helped math teachers in more than 20 countries

The MMT is not:

- » a degree in educational theory or pedagogy
- » a traditional "research level" Master's degree

The primary goal of the courses in the MMT is a deeper understanding of the mathematics underlying the content taught in the classroom.

Admissions Requirements include

- » 4 year Bachelor degree (or equivalent) including some mathematics courses
- » At least one year of work experience in education
- » Application deadline is June 1 for September start





More details, including information about the program structure and individual courses, are available at cemc.uwaterloo.ca – click on “Master of Mathematics for Teachers”.

CENTRE FOR EDUCATION IN MATHEMATICS AND COMPUTING

The CEMC is Canada’s largest and most recognized outreach organization for promoting and creating activities and materials in mathematics and computer science.

The CEMC aims to increase enjoyment, confidence and ability in mathematics and computer science among students and teachers in Canada and internationally. Through contests, face-to-face workshops, online resources, and publications, the CEMC provides curricular and enrichment support to elementary and secondary schools. The activities of the CEMC emphasize the relevance and importance of mathematics and computer science in the 21st century.

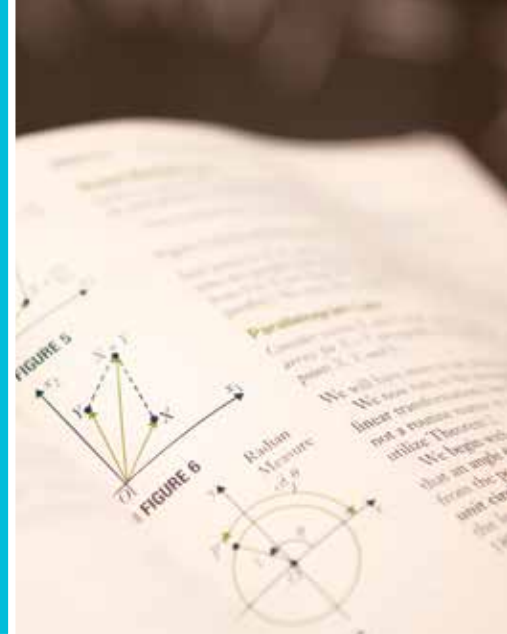


The online format of the MMT meant that I could work at home but since the courses are well-structured there were still assignment due dates which kept me on track. The professors delivering the courses were excellent and extremely available and understanding of the wide range of backgrounds of their students. I find that I am a more confident teacher since starting the MMT and find myself often referring to what I have learned.

– MMT GRADUATE, WHITEHORSE, YUKON

MMT course material is challenging but attainable, and very rewarding. I have developed new course materials as a direct result of the MMT program, and additionally my classes are now more consciously directed at some of the deeper concepts presented in the program, much to the benefit and delight of my students. Being a student again has given me perspective on the lives of my own students and has made me more effective at understanding their challenges. I highly recommend the MMT program for any high school math teacher. In fact, I would even go so far as to say it should be mandatory!

- MMT TEACHER, TORONTO, ONTARIO



WATERLOO



THE FACULTY OF MATHEMATICS

The University of Waterloo's Faculty of Mathematics has the largest concentration of mathematical and computer science talent in the world.



Perhaps the best testimony to Waterloo's standing and exceptional reputation is the quality and many achievements of the Faculty's teachers, researchers, alumni and students. With more than 7,000 graduate and undergraduate students, 200 full-time professors, and 500 courses in mathematics, statistics and computer science, the Faculty is a powerhouse of discovery and innovation.



The CENTRE for EDUCATION in MATHEMATICS and COMPUTING

Contact us for more information:

MMT Director | mmt-info@uwaterloo.ca

Faculty of Mathematics | University of Waterloo | Waterloo, ON, Canada N2L 3G1

cemc.uwaterloo.ca

WATERLOO
MATHEMATICS

uwaterloo.ca/math