

# Masters in Education

## Math and Science (STEM) -- ONLINE

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## WHAT is this Math and Science Masters of Education, University of Victoria?

- ONLINE
- The Masters of Education in Math and Science is designed to bring experienced teachers together for a two-year cohort based program leading to the prestigious University of Victoria Masters in Education (MEd) degree. It will serve as a strong support for Math/Science teachers (early adolescence through to high school) who wish to engage in meaningful discussion about new directions for understanding and engaging in the teaching of Mathematics and the Sciences.
- Graduates will complete a 15.0 units (7 courses and Project) program built around Mathematics and Science teaching and learning through two Summer Sessions (July only) and two Fall/Winter Sessions (Sept-Apr).

## WHO would benefit from participating in this cohort?

- Teachers interested in post-secondary teaching
- Classroom-based teachers interested in Mathematics and Science learning and instruction
- School-based K-12 leaders/administrators
- School-based department leaders
- District consultants

# HOW can I apply to be a graduate student for this cohort?

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## Application Requirements:

- Applicants are required to have at least 2 years experience as a practicing teacher.
- Applicants must also meet the Faculty of Graduate Studies entry requirements, and the departmental requirements for a grade point average of B or higher.

Other Admission Requirements see:

[www.uvic.ca/education/curriculum/programs-courses/admission/index.php](http://www.uvic.ca/education/curriculum/programs-courses/admission/index.php)

# WHAT courses would I be completing in two years? (possible configuration):

<b>Year 1</b>	<b>Summer</b> <b>EDCI 572</b> Development and Implementation of Curriculum  <b>EDCI 570/571</b> Research in C&I (STEM focus)	<b>Fall</b> <b>EDCI 574</b> Environmental Education Perspectives	<b>Winter</b> <b>EDCI 532</b> (adapted)* Emerging Trends and Topics (in STEM)
	<b>Summer</b> <b>EDCI 5XX</b>  <b>EDCI 581</b> Research Methodologies in Education	<b>Fall</b> <b>EDCI 5XX</b>  <b>EDCI 598A</b> Literature Review (no regular classes scheduled for this course)	<b>Winter</b> <b>EDCI 598B</b> Project Work (project completion)  <b>EDCI 597</b> Presentation of Project (no course hours required)

## Possible elective courses include:

- EDCI 565 Research and Practice of Learning Design
- EDCI 584 Analysis of Quantitative and Mixed Methods Research
- EDCI 566 Technology Adaptation and Educational Change Theories

Course work will be completed in an online format with experienced UVic faculty instructors. Program cost is approximately \$11,000 (spread over 5 installments).

Subject to enrolment.

**Application deadline extended to February 28, 2021.**

*Image: Pete Linforth from Pixabay.*