

MASTER OF EDUCATION IN EDUCATIONAL STUDIES

STEM Focus

STEM educators at all levels can be change agents who support robust learning communities and empower a culture of informed practice.

Through this M.Ed. program, you will learn to:

- *Consider the challenges and opportunities of 21st century education*
- *Facilitate safe, ethical and equitable access to learning opportunities to meet the diverse needs of all students*
- *Critically assess and integrate the design of authentic, engaging, and effective learning activities that align with content area standards. Plan and execute research to inform educational improvement*
- *Deepen and extend knowledge, recognizing the role of curriculum, historical and contemporary perspectives on learning, opportunities for culturally responsive teaching, and contexts for playful interactions.*
- *Describe, reflect and comment on current scholarly/practice issues in education grounded in research-based and collective experiences.*

The Master of Education in Educational Studies (MES) is a two-year, part-time, course-based program for teachers, educational administrators, and educational leaders who want to enhance their knowledge and practice in the areas of leadership and school improvement related to science, technology, engineering and mathematics (STEM).

To optimize the learning experience, the program is cohort-based. Coursework is structured to allow you to build your knowledge in an area of STEM education that is of particular interest to you. The MES provides you with opportunities to develop educational research skills and apply them in your educational context.

THE PROGRAM

The Master of Education in Educational Studies (MES) is structured to facilitate studying while you work. Courses are completed with a cohort of STEM educators. All courses are offered online.

The program consists of 4 core courses, listed below, and two electives. Electives may be taken during the program at the student's discretion (prior to EDU 900), or previous graduate-level work may be brought in upon approval.

CORE COURSES

YEAR 1

Fall Term 2025

EDU 510 Fundamentals of Educational Research

Winter Term 2026

EDU 514 Planning for Educational Change

YEAR 2

Fall Term 2026 or Winter 2027

EDU 515 Conducting Educational Research

Winter or Spring Term 2027

EDU 900 Program Synthesis

Visit the website for full schedule and course descriptions.

APPLICATION DEADLINE:

April 30, 2025

Visit uab.ca/mes or email mesinfo@ualberta.ca

ADMISSION REQUIREMENTS

- Four-year baccalaureate degree (or equivalent) from a recognized academic institution and a grade point average (GPA) of 3.0. *We may recommend admission based on work experience for lower GPAs.*
- Completion of a Graduate Certificate in Educational Studies in either:
 - Mathematics Education or
 - Technology in Education
- Two years of teaching experience.



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