

GRADUATE CERTIFICATE IN EDUCATIONAL STUDIES

Technology in Education

The Graduate Certificate in Educational Studies (GCES) is a four-course experience designed to meet the needs of educators.

Through the certificate, you will learn to:

- *Facilitate safe, ethical and equitable access to technology-enhanced learning opportunities to meet the diverse needs of all students.*
- *Critically assess and integrate current and emerging technologies into the design of authentic, engaging, and effective learning activities that align with content area standards.*
- *Create and support learning opportunities that challenge students to use a design process and computational thinking to innovate and solve problems.*

Rise to the challenges and opportunities of 21st century education.

The Graduate Certificate in Educational Studies (GCES) is for teaching professionals and other educational specialists seeking advanced professional education. The program consists of four courses (12 credits) centered on technology in education.

The Graduate Certificate in Educational Studies is a cohort-based, part-time, varied-delivery program that suits your schedule and timelines.

THE PROGRAM

Education is continuously evolving alongside the integration of new technologies to support and enhance teaching, learning, and problem-solving. The GCES - Technology in Education disciplinary focus will advance practicing teachers' self-efficacy in leveraging technology to support pedagogy. The courses are designed to blend theory with practice and are co-taught by educational technology leaders and university professors. The certificate is delivered online in a synchronous and asynchronous format.

COURSES

Summer

EDU 595 Technology in Schools I

EDU 573 Computational Thinking in Teaching and Learning

Fall

EDU 572 Teaching Online: Theory and Practice

Winter

EDU 570 Technology, Ethics, and Social Justice in Education

The Graduate Certificate may be laddered into some M.Ed. Programs (see reverse).

APPLICATIONS OPEN:

November 1 - April 30

(Start in summer term)

For more information:
uab.ca/gces
gcesinfo@ualberta.ca

ADMISSION REQUIREMENTS

- Four-year baccalaureate degree (or equivalent) from a recognized academic institution and a minimum grade point average (GPA) of 3.0
- Two years of K-12 teaching experience
- English Language Proficiency
(*more information on website*)



**UNIVERSITY
OF ALBERTA**

Laddering a Graduate Certificate into the Master of Education in Educational Studies (MES)



A Graduate Certificate in Educational Studies (GCES) or Graduate Certificate in School Leadership (GCSL) provides students with up to 12 credits in advanced standing in the MES program. Students who bring in one of the two approved Graduate Certificates will be admitted into the Fall 2023 certificate cohort* with the following **tentative** program plan (subject to change):

Fall 2023

EDU 510 Fundamentals of Educational Research

Students learn how to understand and apply educational research to educational problems. Specific focus on conceptualizing methods of educational research to specific and individual educational sites and issues.

Winter 2024

EDU 514 Planning for Educational Change

Students learn how educational research can enhance educational change toward school improvement, and focus on the creation of a site-based research proposal which utilizes appropriate research methods.

Fall 2024

EDU 515 Conducting Educational Research**

Students complete a supervised research assignment specific to their educational context. They will develop and apply knowledge and skills related to data collection, data analysis techniques and research report presentation.

Winter 2025

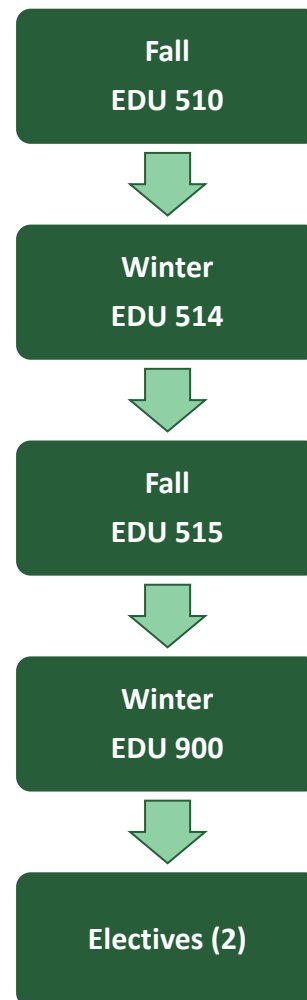
EDU 900 Program Synthesis

A reflection and synthesis of learning from the Master of Education in Educational Studies in relation to the concepts of school/educational improvement that are the foundations of the program.

Plus two Professional Learning Electives.

Note: Electives can be taken at any time during the program.

Note: The schedule for the 2024 cohort is yet to be determined.



Other Laddering Options

The GCES and GCSL can also ladder into the M.Ed. Elementary Education - Curriculum and Pedagogy. Contact elemgrad@ualberta.ca for more information.

Additionally, the GCSL can ladder into the M.Ed. in Studies in Educational Leadership. Contact epsCOORD@ualberta.ca for more information.

Faculty of Education, Professional Learning
Website: uab.ca/prolearn | Contact: pluadmin@ualberta.ca

*Completion of the GCES or GCSL does not guarantee acceptance into any Master's program. Course availability is dependent upon sufficient enrollment. Alternate schedules may be available for future years.

**Students who are employed by school divisions that are part of the CAP program require additional approval which results in those students taking an elective in the Fall term and conducting research in the Winter term.