

EDUCATION AND SOCIETY (THESIS) (M.A.): MATHEMATICS AND SCIENCE EDUCATION (45 CREDITS)

Offered by: Integrated Studies in Ed (Faculty of Education)

Degree: Master of Arts

Program credit weight: 45

Note: For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

Thesis Courses (24 credits)

Expand allContract all

Course	Title	Credits
EDEM 621	Thesis 1.	6
EDEM 623	Thesis 2.	6
EDEM 699	Thesis 3.	12

Required Courses (12 credits)

Expand allContract all

Course	Title	Credits
EDEC 624	Researching, Teaching, Learning and Teacher Education.	3
EDEC 625	MA Seminar in Practice-Based Teacher Education 1.	3
EDEC 626	MA Seminar in Math and Science Education 2.	3
EDEM 690	Research Methods: Theory and Practice.	3

Complementary Courses (6 credits)

3 credits of graduate-level courses from the following:

Expand allContract all

Course	Title	Credits
EDEC 646	Sociocultural and Epistemic Understandings of Science.	3
EDEC 647	Sociocultural and Epistemic Understandings of Mathematics.	3

3 credits of courses, from the following:

Expand allContract all

Course	Title	Credits
EDEC 606	Self-Study, Autoethnography, and Autobiographical Research .	3

EDEC 630	Ethnographic Approaches to Research .	3
EDEC 635	Research Writing.	3
EDEM 609	Critical Perspectives in Educational Theory and Research.	3
EDEM 644	Curriculum Development and Implementation.	3
EDEM 692	Qualitative Research Methods.	3
EDER 608	Educational Implications of Social Theory.	3
EDPE 635	Theories of Learning and Instruction.	3
EDPE 676	Intermediate Statistics.	3
EDPE 687	Qualitative Methods in Educational Psychology.	3
EDTL 500	Applications of Educational Psychology Across Classrooms.	3
EDTL 508	Critical Educational Praxis.	3

Elective Course (3 credits)

3 credits at the 500, 600, or 700 level chosen in consultation with the Thesis Supervisor or Graduate Program Director.