



<p>1.0 Degree Title Please specify the two degrees for concurrent degree programs</p> <p><input type="text" value="Master of Arts (M.A.)"/></p> <p>1.1 Major (Legacy = Subject) (30-char. max.)</p> <p><input type="text" value="Education and Society"/></p> <p>1.2 Concentration (Legacy = Concentration/Option) If applicable to Majors only (30 char. max)</p> <p><input type="text" value="Coursework – Mathematics and Science Education"/></p> <p>1.3 Minor (with Concentration, if Applicable) (30char. max)</p> <p><input type="text"/></p>	<p>2.0 Administering Faculty/Unit</p> <p><input type="text" value="Graduate and Postdoctoral Studies (GPS)"/></p> <p>Offering Faculty/Department</p> <p><input type="text" value="EDUC. / Integrated Studies in Education"/></p> <p>3.0 Effective Term of Implementation (Ex. Sept. 2004 = 200409) Term</p> <p><input type="text" value="2017-09"/></p>
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4.0 Rationale and Admission Requirements for New Proposal

We currently have an MA Education & Society with Math & Science Education Concentration Thesis Option. We would now like to offer a coursework option and 12-credit project option for two reasons (see separate proposal form for the description of the project option):

1) since the start of the program, prospective students have expressed interest in the program, but do not want to do a thesis. The addition of coursework and project options will help to attract more students (which is important for the sustainability of the program);

2) by adding the coursework and project options, these changes will align with recent revisions that were made to the other MA Education & Society programs.

5.0 Program Information
Please check appropriate box(es)

<p>5.1 Program Type</p> <p><input type="checkbox"/> Bachelor's Program</p> <p><input checked="" type="checkbox"/> Master's</p> <p><input type="checkbox"/> M.Sc. (Applied) Program</p> <p><input type="checkbox"/> Dual Degree/Concurrent Program</p> <p><input type="checkbox"/> Certificate</p> <p><input type="checkbox"/> Diploma</p> <p><input type="checkbox"/> Graduate Certificate</p> <p><input type="checkbox"/> Graduate Diploma</p> <p><input type="checkbox"/> Ph.D. Program</p> <p><input type="checkbox"/> Doctorate Program (Other than Ph.D.)</p> <p><input type="checkbox"/> Private Program</p> <p><input type="checkbox"/> Off-Campus Program</p> <p><input type="checkbox"/> Distance Education Program (By Correspondence)</p> <p><input type="checkbox"/> Other: Please specify</p> <p><input type="text"/></p>	<p>5.2 Category</p> <p><input type="checkbox"/> Faculty Program (FP)</p> <p><input type="checkbox"/> Major</p> <p><input type="checkbox"/> Joint Major</p> <p><input type="checkbox"/> Major Concentration (CON)</p> <p><input type="checkbox"/> Minor</p> <p><input type="checkbox"/> Minor Concentration (CON)</p> <p><input type="checkbox"/> Honours (HON)</p> <p><input type="checkbox"/> Joint Honours Component (HC)</p> <p><input type="checkbox"/> Internship/Co-op</p> <p><input type="checkbox"/> Thesis (T)</p> <p><input checked="" type="checkbox"/> Non-Thesis (N)</p> <p><input type="checkbox"/> Other: Please specify</p> <p><input type="text"/></p>	<p>5.3 Level</p> <p><input type="checkbox"/> Undergraduate</p> <p><input type="checkbox"/> Dentistry/Law/Medicine</p> <p><input type="checkbox"/> Continuing Studies (Non-Credits)</p> <p><input checked="" type="checkbox"/> Masters & Grad Dip & Certs</p> <p><input type="checkbox"/> Doctorate</p> <p><input type="checkbox"/> Post-Graduate Medicine/ Dentistry</p> <p><input type="checkbox"/> Graduate Qualifying</p> <p><input type="checkbox"/> Postdoctoral Fellows</p> <p>5.4 FQRSC (Research) Indicator (For GPS)</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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6.0 Total Credits

7.0 Consultation with

Related Units Yes No

Financial Consult Yes No

Attach list of consultations.

8.0 Program Description (Maximum 150 words)

This MA concentration emphasizes research in mathematics and science education, including a specific focus on teacher education in the area of math and science. The program will include targeted opportunities for candidates to develop skills, knowledge and practices specific to teaching and learning mathematics and science, mathematics and science teacher preparation, and research in both of these areas. It will produce graduates who view improving mathematics and science education from a teaching and learning perspective, have developed understanding of research in math and science education, and sufficient teacher education experience to assume roles as educational leaders in informal and formal settings.

9.0 List of proposed program for the New Program/Major or Minor/Concentration

If new concentration (option) of existing Major/Minor (program), please attach a program layout (list of courses) of existing Major/Minor.

Proposed program (list course as follow: Subj Code/Crse Num, Title, Credit weight, under the heading of: Required Courses, Complementary Courses, and Elective Courses).

M.A. in Education and Society (Non-Thesis) (45 Credits)**Program Requirements**

Research Project (6 credits)
EDER 633 Project (6 credits)

Required Courses (6 credits)

EDEM 609 Critical Perspectives in Educational Theory and Research (3 credits)
EDEM 690 Research Methods: Theory and Practice (3 credits)

Complementary Courses (24 credits)

EDEC 602 Foundations in Curriculum (3 credits)
EDEC 603 Individual Reading Course (6 credits)
EDEC 604 Literacy and Learning Across Curriculum (3 credits)
EDEC 606 Autobiographical Approaches in Education (3 credits)
EDEC 612 Digital Media and Learning (3 credits)
EDEC 616 Reading Course (3 credits)
EDEC 617 Special Topics - Literacy Studies (3 credits)
EDEC 620 Meanings of Literacy (3 credits)
EDEC 628 Literacy - Multilingual/Multicultural Settings (3 credits)
EDER 600 Globalization, Education & Change (3 credits)
EDER 603 Individual Reading Course (6 credits)
EDER 606 Philosophy of Moral Education (3 credits)
EDER 607 Ethics and Values in Education (3 credits)
EDER 608 Educational Implications of Social Theory (3 credits)
EDER 609 Education and Philosophical Thought (3 credits)
EDER 616 Individual Reading Course (3 credits)
EDER 643 Women, Education and Development (3 credits)
EDER 649 Education: Multicultural Societies (3 credits)

Elective Courses (9 credits)

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

Students may take a maximum of 6 credits from outside the Department

M.A. in Education and Society (Non-Thesis): Coursework – Mathematics and Science Education (45 credits)**Required Courses (12 credits)**

EDEC 624 Researching Teaching, Learning, and Teacher Education (3 credits)
EDEC 625 MA Seminar in Practice-Based Teacher Education (3 credits)
EDEC 626 MA Seminar in Math and Science Education 2 (3 credits)
EDEM 609 Critical Perspectives in Educational Theory and Research (3 credits)

Complementary Courses (18 credits)

3 credits of graduate-level courses from the following:
EDEC 646 Sociocultural and Epistemic Understandings of Science (3 credits)
EDEC 647 Sociocultural and Epistemic Understandings of Mathematics (3 credits)

15 credits of graduate-level courses from the following:

EDEC 602 Foundations in Curriculum (3 credits)
EDEC 603 Extended Individual Reading Course (6 credits)
EDEC 606 Autobiographical Approaches in Education (3 credits)
EDEC 612 Digital Media and Learning (3 credits)
EDEC 616 Individual Reading Course (3 credits)
EDEC 627 Critical Discourse Studies in Education (3 credits)
EDEC 635 Research Writing (3 credits)
EDEM 644 Curriculum Development and Implementation (3 credits)
EDEM 660 Community Relations in Education (3 credits)
EDEM 675 Special Topics 1 (3 credits)
EDEM 676 Organizing Non-formal Learning (3 credits)
EDEM 677 Special Topics 2 (3 credits)
EDEM 690 Research Methods: Theory and Practice (3 credits)
EDER 600 Globalization, Education & Change (3 credits)
EDER 606 Philosophy of Moral Education (3 credits)
EDER 607 Ethics and Values in Education (3 credits)
EDER 608 Educational Implications of Social Theory (3 credits)
EDER 609 Education & Philosophical Thought (3 credits)
EDER 614 Sociology of Education (3 credits)
EDER 615 Introduction to Philosophy of Education (3 credits)
EDER 617 Aesthetics and Education (3 credits)
EDER 622 Studies in Comparative Education (3 credits)
EDER 625 Topics: Culture in Education (3 credits)
EDER 626 Topics: Values in Education (3 credits)
EDER 643 Women, Education & Development (3 credits)
EDER 649 Education: Multicultural Societies (3 credits)

9.0 List of proposed program for the New Program/Major or Minor/Concentration


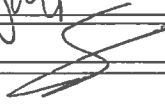
If new concentration (option) of existing Major/Minor (program), please attach a program layout (list of courses) of existing Major/Minor.

Proposed program (list course as follow: Subj Code/Crse Num, Title, Credit weight, under the heading of: Required Courses, Complementary Courses, and Elective Courses).

M.A. in Education and Society (Non-Thesis): Coursework – Mathematics and Science Education (45 credits) [Continued]**EDPE 635 Theories of Learning and Instruction (3 credits)****EDPE 676 Intermediate Statistics (3 credits)****EDTL 500 Applications of Educational Psychology Across Classrooms (3 credits)****EDTL 508 Critical Influences on Educational Praxis (3 credits)****Elective Courses (15 credits)**

15 credits at the 500 level or higher. An elective course can be any course in DISE. If the course is outside of the department, the student should consult with the Program Director or Coordinator prior to registering for the course. A maximum of 9 credits may be taken outside of DISE.

10.0 Approvals

Routing Sequence	Name	Signature	Date
Department	Dr. Steven Jordan		Nov 3, 2016
Curric/Acad Committee	Prof Elizabeth Wood		Nov 15, 2016
Faculty 1			
Faculty 2			
Faculty 3			
CGPS			
SCTP			
APC			
Senate			

Submitted by

Name	J.Gaul
Phone	4527
Email	Johanna.gaul@mccill.ca
Submission Date	October 31, 2016

To be completed by ARR:

CIP Code