



New Program/Major or Minor/Concentration Proposal Form

(2013)

<p>1.0 Degree Title Please specify the two degrees for concurrent degree programs</p> <input type="text" value="Master of Engineering (M.Eng.)"/>	<p>2.0 Administering Faculty/Unit</p> <input type="text" value="Graduate and Postdoctoral Studies"/>
<p>1.1 Major (Legacy= Subject)(30-char. max.)</p> <input type="text" value="Materials Engineering"/>	<p>Offering Faculty/Department</p> <input type="text" value="Engineering / Mining and Materials Engineering"/>
<p>1.2 Concentration (Legacy = Concentration/Option) If applicable to Majors only (30 char. max.)</p> <input type="text"/>	<p>3.0 Effective Term of Implementation (Ex. Sept. 2004 = 200409) Term</p> <input type="text" value="201801"/>
<p>1.3 Minor (with Concentration, if Applicable) (30 char. max.)</p> <input type="text"/>	

4.0 Rationale and Admission Requirements for New Proposal

The M.Eng. Mining and Materials Engineering (Non-Thesis) is being separated into two distinct programs, the M.Eng. Mining Engineering (Non-Thesis) (program revision for the current Mining and Materials Engineering program submitted concurrently) and the M.Eng. Materials Engineering (Non-Thesis), for easier administration and to have degree names that are more representative of the disciplines. The admission requirements are not being changed. This program split is part of the recent strategic plan of the Department. New course proposals for MIME 680 (PRN 11620), MIME 681 (PRN 12224) and 682 (PRN 12225) will be submitted concurrently with this program proposal.

5.0 Program Information
Please check appropriate box(es)

<p>5.1 Program Type</p> <p>Bachelor's Program</p> <p>Master's</p> <p>M.Sc. (Applied) Program</p> <p>Dual Degree/Concurrent Program</p> <p>Certificate</p> <p>Diploma</p> <p>Graduate Certificate</p> <p>Graduate Diploma</p> <p>Ph.D. Program</p> <p>Doctorate Program (Other than Ph.D.)</p> <p>Private Program</p> <p>Off-Campus Program</p> <p>Distance Education Program (By Correspondence)</p> <p>Other (Please specify)</p>	<p>5.2 Category</p> <p>Faculty Program (FP)</p> <p>Major</p> <p>Joint Major</p> <p>Major Concentration (CON)</p> <p>Minor</p> <p>Minor Concentration (CON)</p> <p>Honours (HON)</p> <p>Joint Honours Component (HC)</p> <p>Internship/Co-op</p> <p>Thesis (T)</p> <p>Non-Thesis (N)</p> <p>Other</p> <p>Please specify</p> <input type="text"/>	<p>5.3 Level</p> <p>Undergraduate</p> <p>Dentistry/Law/Medicine</p> <p>Continuing Studies (Non-Credit)</p> <p>Collegial</p> <p>Masters & Grad Dips & Certs</p> <p>Doctorate</p> <p>Post-Graduate Medicine/Dentistry</p> <p>Graduate Qualifying</p> <p>Postdoctoral Fellows</p> <p>5.4 FQRSC (Research) Indicator (for GPS) <u>Yes</u> No</p>
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<p>6.0 Total Credits</p> <input type="text" value="45 credits"/>	<p>7.0 Consultation with Related Units</p> <p>Yes No X</p> <p>Financial Consult Yes No X</p> <p>Attach list of consultations.</p>
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8.0 Program Description (Maximum 150 words)

The Master of Engineering (Non-Thesis) program in Materials Engineering is primarily designed to train people with appropriate engineering or scientific background to allow them to work effectively in the materials industries.

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 all courses) of existing Major/Minor.

Proposed program (list courses as follows: Subj Code/Crse Num, Title, Credit weight under the headings of: Required Courses, Complementary Courses, Elective Courses)

M.Eng. in Materials Engineering (Non-Thesis) (45 credits)**Research Project (15 credits)****MIME 680 Materials Engineering Project 1 (6)****MIME 681 Materials Engineering Project 2 (6)****MIME 682 Materials Engineering Project 3 (3)****Required Course (0 credits)**

MIME 601 Engineering Laboratory Practice (0)

Required Seminar (6 credits)

MIME 670 Research Seminar 1 (6)

Complementary Courses (24 credits)

12 credits of MIME courses at the 500 level or higher.

12 credits of courses at the 500 level or higher from within and/or outside the department in consultation with the Program Adviser.

Program Layout of existing – Master of Engineering (M.Eng.) Mining and Materials Engineering (Non-Thesis) (45 credits)**Program Requirements**

Students registered in this program specialize either in Mining Engineering or Materials Engineering.

Research Project (15 credits)

- [MIME 628 Mineral Engineering Project 1 \(6 credits\)](#)
- [MIME 629 Mineral Engineering Project 2 \(6 credits\)](#)
- [MIME 634 Mineral Engineering Project 3 \(3 credits\)](#)

Required Courses (6 credits)

- [MIME 601 Engineering Laboratory Practice](#)

AND

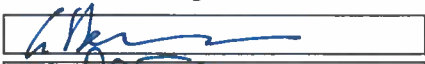


6 credits from the following courses:

- [MIME 670 Research Seminar 1 \(6 credits\)](#)
- [MIME 673 Mining Engineering Seminar \(6 credits\)](#)

Complementary Courses (24 credits)

12 credits of MIME courses at the 500 level or higher.

12 credits of courses at the 500 level or higher from within and/or outside the department in consultation with the Program Adviser.

10.0 Approvals			
Routing Sequence	Name	Signature	Date
Department	Prof. George Demopoulos		March 24, 2017
Curric/Acad Committee	Prof. Laurent Mvdlarski		Mar. 27, 2017
Faculty 1	Prof. Laurent Mvdlarski		Mar. 27, 2017
Faculty 2			
Faculty 3			
CGPS			
SCTP			
APC			
Senate			

Submitted by		To be completed by ARR:
Name	Prof. Richard Chromik	
Phone	514-398-5686	CIP Code
Email	Richard.chromik@mcaill.ca	
Submission Date	March 1, 2017	