



Program/Major or Minor/Concentration Revision Form

(2013)

<p>1.0 Degree Title Specify the two degrees for concurrent degree programs</p> <p>Master of Engineering (M.Eng.)</p> <p>1.1 Major (Legacy= Subject) (30-char. max.)</p> <p>Mining Engineering</p> <p>1.2 Concentration (Legacy = Concentration/Option) If applicable (30 char. max.)</p> <p></p> <p>1.3 Minor (with Concentration, if applicable) (30 char. max.)</p> <p></p> <p>1.4 Category</p> <table border="0"> <tr> <td><input type="checkbox"/> Faculty Program (FP)</td> <td><input type="checkbox"/> Honours (HON)</td> </tr> <tr> <td><input type="checkbox"/> Major</td> <td><input type="checkbox"/> Joint Honours Component (HC)</td> </tr> <tr> <td><input type="checkbox"/> Joint Major</td> <td><input type="checkbox"/> Internship/Co-op</td> </tr> <tr> <td><input type="checkbox"/> Major Concentration (CON)</td> <td><input type="checkbox"/> Thesis (T)</td> </tr> <tr> <td><input type="checkbox"/> Minor</td> <td><input checked="" type="checkbox"/> Non-Thesis (N)</td> </tr> <tr> <td><input type="checkbox"/> Minor Concentration (CON)</td> <td><input type="checkbox"/> Other</td> </tr> </table> <p>Please specify</p> <p></p> <p>1.5 Complete Program Title</p> <p>M.Eng.; Mining Engineering (Non-Thesis)</p>	<input type="checkbox"/> Faculty Program (FP)	<input type="checkbox"/> Honours (HON)	<input type="checkbox"/> Major	<input type="checkbox"/> Joint Honours Component (HC)	<input type="checkbox"/> Joint Major	<input type="checkbox"/> Internship/Co-op	<input type="checkbox"/> Major Concentration (CON)	<input type="checkbox"/> Thesis (T)	<input type="checkbox"/> Minor	<input checked="" type="checkbox"/> Non-Thesis (N)	<input type="checkbox"/> Minor Concentration (CON)	<input type="checkbox"/> Other	<p>2.0 Administering Faculty/Unit</p> <p>Graduate and Postdoctoral Studies</p> <p>Offering Faculty/Department</p> <p>Faculty of Engineering / Mining and Materials Engineering</p> <p>3.0 Effective Term of revision or retirement Please give reasons in 5.0 "Rationale" in the case of retirement (Ex. Sept. 2004 = 200409) <input type="checkbox"/> Retirement</p> <p>Term: <input type="text"/></p> <p>4.0 Existing Credit Weight Proposed Credit Weight</p> <p>45 <input type="text"/></p> <p>5.0 Rationale for revised program</p> <p>The M.Eng. Mining and Materials Engineering (Non-Thesis) is being separated into two distinct programs, the M.Eng. Mining Engineering (Non-Thesis) and the M.Eng. Materials Engineering (Non-Thesis) (new program proposal submitted concurrently) for easier administration and to have degree names that are more representative of the disciplines. This program split is part of the recent strategic plan of the Department. MIME 670 is being removed because this course is taken only by Materials Engineering students. The sentence regarding specializing is being removed as it is no longer needed. A "Required Seminar" section is being added for consistency with other programs.</p> <p>Old program title: M.Eng.; Mining and Materials Engineering (Non-Thesis)</p>
<input type="checkbox"/> Faculty Program (FP)	<input type="checkbox"/> Honours (HON)												
<input type="checkbox"/> Major	<input type="checkbox"/> Joint Honours Component (HC)												
<input type="checkbox"/> Joint Major	<input type="checkbox"/> Internship/Co-op												
<input type="checkbox"/> Major Concentration (CON)	<input type="checkbox"/> Thesis (T)												
<input type="checkbox"/> Minor	<input checked="" type="checkbox"/> Non-Thesis (N)												
<input type="checkbox"/> Minor Concentration (CON)	<input type="checkbox"/> Other												

6.0 Revised Program Description (Maximum 150 words)

Proposed program description:
The Master of Engineering (Project) program (Mining option) is primarily designed for graduates from mining engineering programs who have received adequate academic training in modern mining technology, mineral economics, computer programming, and probabilities and statistics.

Existing program description:
~~The Master of Engineering (Project) program (Materials option) is primarily designed to train people with appropriate engineering or scientific backgrounds to allow them to work effectively in the metals and materials industries. The Master of Engineering (Project) program (Mining option) is primarily designed for graduates from mining engineering programs who have received adequate academic training in modern mining technology, mineral economics, computer programming, and probabilities and statistics.~~

7.0 List of existing program and proposed program

Existing 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 Mining and Materials Engineering (Non-Thesis)
(45 credits)

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

Research Project (15 credits)

MIME 628 Mineral Engineering Project 1 (6)
MIME 629 Mineral Engineering Project 2 (6)
MIME 634 Mineral Engineering Project 3 (3)

Required Courses (6 credits)

MIME 601 Engineering Laboratory Practice (0)

AND

6 credits from the following courses:

MIME 670 Research Seminar 1 (6)
MIME 673 Mining Engineering Seminar (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.

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 Mining Engineering (Non-Thesis)
(45 credits)

Research Project (15 credits)

MIME 628 Mineral Engineering Project 1 (6)
MIME 629 Mineral Engineering Project 2 (6)
MIME 634 Mineral Engineering Project 3 (3)

Required Course (0 credits)

MIME 601 Engineering Laboratory Practice (0)

Required Seminar (6 credits)

MIME 673 Mining Engineering Seminar (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.




8.0 Consultation with
Related Units Yes No

Financial Consult

 Yes No

Attach list of consultations

9. Approvals

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

Submitted by

Name Prof. Richard Chromik
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 Email Richard.chromik@mcgill.ca
 Submission Date March 1, 2017

To be completed by ARR:

CIP Code

10. FQRSC (Research) Indicator (for GPS): Yes No