



## Program/Major or Minor/Concentration Revision Form

(2013)

<p><b>1.0 Degree Title</b> Specify the two degrees for concurrent degree programs</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Master of Engineering (M.Eng.)</div> <p><b>1.1 Major (Legacy= Subject) (30-char. max.)</b></p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mining Engineering</div> <p><b>1.2 Concentration (Legacy = Concentration/Option)</b> If applicable (30 char. max.)</p> <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <p><b>1.3 Minor (with Concentration, if applicable)</b> (30 char. max.)</p> <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <p><b>1.4 Category</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Faculty Program (FP)  <input type="checkbox"/> Major  <input type="checkbox"/> Joint Major  <input type="checkbox"/> Major Concentration (CON)  <input type="checkbox"/> Minor  <input type="checkbox"/> Minor Concentration (CON) </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Honours (HON)  <input type="checkbox"/> Joint Honours Component (HC)  <input type="checkbox"/> Internship/Co-op  <input checked="" type="checkbox"/> Thesis (T)  <input type="checkbox"/> Non-Thesis (N)  <input type="checkbox"/> Other            Please specify  <div style="border: 1px solid black; height: 20px; margin-top: 5px;"></div> </td> </tr> </table> <p><b>1.5 Complete Program Title</b></p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">M.Eng.;Mining Engineering (Thesis)</div>	<input type="checkbox"/> Faculty Program (FP) <input type="checkbox"/> Major <input type="checkbox"/> Joint Major <input type="checkbox"/> Major Concentration (CON) <input type="checkbox"/> Minor <input type="checkbox"/> Minor Concentration (CON)	<input type="checkbox"/> Honours (HON) <input type="checkbox"/> Joint Honours Component (HC) <input type="checkbox"/> Internship/Co-op <input checked="" type="checkbox"/> Thesis (T) <input type="checkbox"/> Non-Thesis (N) <input type="checkbox"/> Other Please specify <div style="border: 1px solid black; height: 20px; margin-top: 5px;"></div>	<p><b>2.0 Administering Faculty/Unit</b></p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Graduate and Postdoctoral Studies</div> <p><b>Offering Faculty/Department</b></p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Faculty of Engineering / Mining and Materials Engineering</div> <p><b>3.0 Effective Term of revision or retirement</b> Please give reasons in 5.0 "Rationale" in the case of retirement (Ex. Sept. 2004 = 200409)      <input type="checkbox"/> Retirement</p> <p>Term: <div style="border: 1px solid black; padding: 2px; display: inline-block;">201801</div></p> <p><b>4.0 Existing Credit Weight</b>      <b>Proposed Credit Weight</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: 1px solid black; padding: 2px; text-align: center;">45</td> <td style="width: 50%; border: 1px solid black; height: 20px;"></td> </tr> </table> <p><b>5.0 Rationale for revised program</b></p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p>The M.Eng. Mining and Materials Engineering (Thesis) is being separated into two distinct programs, the M.Eng. Mining Engineering (Thesis) and the M.Eng. Materials Engineering (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.</p> <p>Old program title: M.Eng.;Mining and Materials Engineering (Thesis)</p> </div>	45	
<input type="checkbox"/> Faculty Program (FP) <input type="checkbox"/> Major <input type="checkbox"/> Joint Major <input type="checkbox"/> Major Concentration (CON) <input type="checkbox"/> Minor <input type="checkbox"/> Minor Concentration (CON)	<input type="checkbox"/> Honours (HON) <input type="checkbox"/> Joint Honours Component (HC) <input type="checkbox"/> Internship/Co-op <input checked="" type="checkbox"/> Thesis (T) <input type="checkbox"/> Non-Thesis (N) <input type="checkbox"/> Other Please specify <div style="border: 1px solid black; height: 20px; margin-top: 5px;"></div>				
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**6.0 Revised Program Description (Maximum 150 words)**

**Proposed program description:**  
The M.Eng. (Thesis) degree is open to graduates holding the B.Eng. degree or its equivalent in ~~Materials Engineering, Mining Engineering,~~ or other related engineering fields.

**Existing program description:**  
The M.Eng. (Thesis) degree is open to graduates holding the B.Eng. degree or its equivalent in Mining Engineering or other related engineering fields.

## 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)

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.; Mining and Materials Engineering (Thesis)**  
(45 credits)

**Thesis Courses (27 credits)**

MIME 690 Thesis Research 1 (6)  
MIME 691 Thesis Research 2 (3)  
MIME 692 Thesis Research 3 (6)  
MIME 693 Thesis Research 4 (3)  
MIME 694 Thesis Research 5 (6)  
MIME 695 Thesis Research 6 (3)

**Required Seminar (6 credits)**

MIME 601 Engineering Laboratory Practice (0)

6 credits from the following courses:

MIME 670 Research Seminar 1 (6)  
MIME 672D1 Rock Mechanics Seminar (3)\*  
MIME 672D2 Rock Mechanics Seminar (3)\*  
MIME 673 Mining Engineering Seminar (6)  
\*Note: Students must register for MIME 672D1 and MIME 672D2 in consecutive terms.

**Complementary Courses (12 credits)**

12 credits at the 500-level or higher selected from within and/or outside the department in consultation with the student's supervisor and/or Advisory Committee.

**M.Eng.; Mining Engineering (Thesis)**  
(45 credits)

**Thesis Courses (27 credits)**

MIME 690 Thesis Research 1 (6)  
MIME 691 Thesis Research 2 (3)  
MIME 692 Thesis Research 3 (6)  
MIME 693 Thesis Research 4 (3)  
MIME 694 Thesis Research 5 (6)  
MIME 695 Thesis Research 6 (3)

**Required Seminar (6 credits)**

MIME 601 Engineering Laboratory Practice (0)

6 credits from the following courses:

MIME 672D1 Rock Mechanics Seminar (3)\*  
MIME 672D2 Rock Mechanics Seminar (3)\*  
MIME 673 Mining Engineering Seminar (6)  
\*Note: Students must register for MIME 672D1 and MIME 672D2 in consecutive terms.

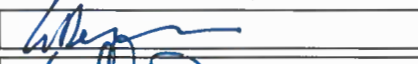


**Complementary Courses (12 credits)**

12 credits at the 500-level or higher selected from within and/or outside the department in consultation with the student's supervisor and/or Advisory Committee.

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

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