1.0 Degree Title
Specify the two degrees for concurrent degree programs

| BACHELOR OF SCIENCE |

1.1 Major (Legacy= Subject) (30-char. max.)

| B.Sc. LIBERAL IN CHEMISTRY |

1.2 Concentration (Legacy = Concentration/Option)
If applicable (30 char. max.)

| GENERAL OPTION |

1.3 Minor (with Concentration, if applicable)
(30 char. max.)


1.4 Category

- Faculty Program (FP)
- Major
- Joint Major
- Major Concentration (CON)
- Minor
- Minor Concentration (CON)
- Honours (HON)
- Joint Honours Component (HC)
- Internship/Co-op
- Thesis (T)
- Non-Thesis (N)
- Other

Please specify

| LIBERAL |

1.5 Complete Program Title

| LIBERAL PROGRAM: CORE SCIENCE COMPONENT IN CHEMISTRY. |

2.0 Administering Faculty/Unit

| SCIENCE |

Offering Faculty/Department

| CHEMISTRY |

3.0 Effective Term of revision or retirement
Please give reasons in 5.0 “Rationale” in the case of retirement
(Ex. Sept. 2004 = 200409) □ Retirement

| 200809 |

4.0 Existing Credit Weight

49

Proposed Credit Weight

49

5.0 Rationale for revised program

Retiring Chem 277D1/D2 being replaced by Chem 287/297.

6.0 Revised Program Description (Maximum 150 words)
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)

LIBERAL PROGRAM: CORE SCIENCE COMPONENT IN CHEMISTRY: GENERAL OPTION (49 credits)

Required Basic Core Courses
(26 credits)

- CHEM 212* (4) Introductory Organic Chemistry 1
- CHEM 222* (4) Introductory Organic Chemistry 2
- CHEM 277D1 (1.5) Analytical Chemistry
- CHEM 277D2 (1.5) Analytical Chemistry
- CHEM 223 (2) Introductory Physical Chemistry 1
- CHEM 243 (2) Introductory Physical Chemistry 2
- CHEM 253*** (1) Introductory Physical Chemistry 1 Laboratory
- CHEM 263*** (1) Introductory Physical Chemistry 2 Laboratory
- CHEM 281 (3) Inorganic Chemistry 1
- CHEM 381 (3) Inorganic Chemistry 2
- MATH 222** (3) Calculus 3

* denotes courses with CEGEP equivalents
** Students who have successfully completed MATH 150 and MATH 151 are not required to take MATH 222.
***Not offered 2007-8. Students entering in Sept. 2007 will take CHEM 363 in U2 or U3 instead.

General Option Courses
(20 credits)

- CHEM 302 (3) Introductory Organic Chemistry 3
- CHEM 345 (3) Molecular Properties and Structure 1
- CHEM 367 (3) Instrumental Analysis 1
- CHEM 377 (3) Instrumental Analysis 2
- CHEM 392 (3) Integrated Inorganic/Organic Laboratory
- MATH 315 (3) Ordinary Differential Equations
- PHYS 242 (2) Electricity and Magnetism

Complementary Courses
(3 credits)

3 credits from:
- CHEM 352 (3) Structural Organic Chemistry
- CHEM 355 (3) Molecular Properties and Structure 2

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

LIBERAL PROGRAM: CORE SCIENCE COMPONENT IN CHEMISTRY: GENERAL OPTION (49 credits)

Required Basic Core Courses
(26 credits)

- CHEM 212* (4) Introductory Organic Chemistry 1
- CHEM 222* (4) Introductory Organic Chemistry 2
- CHEM 287 (2) Introductory Analytical Chemistry
- CHEM 297 (1) Introductory Analytical Chemistry Lab.
- CHEM 223 (2) Introductory Physical Chemistry 1
- CHEM 243 (2) Introductory Physical Chemistry 2
- CHEM 253*** (1) Introductory Physical Chemistry 1 Laboratory
- CHEM 263*** (1) Introductory Physical Chemistry 2 Laboratory
- CHEM 281 (3) Inorganic Chemistry 1
- CHEM 381 (3) Inorganic Chemistry 2
- MATH 222** (3) Calculus 3

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- PHYS 242 (2) Electricity and Magnetism

Complementary Courses
(3 credits)

3 credits from:
- CHEM 352 (3) Structural Organic Chemistry
- CHEM 355 (3) Molecular Properties and Structure 2

Attach extra page(s) as needed
8.0 Consultation with Related Units  ☐ Yes  ☑ No  Financial Consult  ☐ Yes  ☑ No
Attach list of consultations

9. Approvals

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<td>Department</td>
<td>R.B. Lennox</td>
<td></td>
<td>November 9, 2007</td>
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<tr>
<td>Curric/Acad Committee</td>
<td>D. Ronis</td>
<td></td>
<td>November 9, 2007</td>
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Submitted by

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To be completed by ARR:

CIP Code