1.0 Degree Title
Specify the two degrees for concurrent degree programs

Bachelor of Arts and Science

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

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

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

Freshman Year

1.5 Complete Program Title

B.A. & Sc. Freshman Year

2.0 Administering Faculty/Unit

Arts and Science

Offering Faculty/Department

Arts and Science

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

Term:

200609

4.0 Existing Credit Weight

30

Proposed Credit Weight

30

5.0 Rationale for revised program

See Attached Page 5.

6.0 Revised Program Description (Maximum 150 words)

See Attached Page 5.
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)

Science (21 credits):
- at least 7 credits from MATH 139/140/150 and MATH 141/151
- at least 14 credits from BIOL 111, BIOL 112, CHEM 110, CHEM 120, PHYS 101/131 and PHYS 102/142

Arts (21 credits):
- 6-9 credits of the 21 credits of arts electives that must be taken during the 120 credit program

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

The proposed B.A. & Sc. Freshman Program should consist of at least 30 credits, which should include:

- At least 2 courses of Mathematics selected from:
  - MATH 139 Calculus (4)
  - or
  - MATH 140 Calculus 1 (3)
  - or
  - MATH 150 Calculus A (4)
  - MATH 141 Calculus 2 (4)
  - or
  - MATH 151 Calculus B (4)
  - MATH 133 Vectors, Matrices and Geometry (3)

- At least 3 foundational science courses, selected from:
  - BIOL 111 Principles: Organismal Biology (3)
  - BIOL 112 Cell and Molecular Biology (3)
  - CHEM 110 General Chemistry 1 (4)
  - CHEM 120 General Chemistry 2 (4)
  - PHYS 101 Introductory Physics-Mechanics (4)
  - or
  - PHYS 131 Mechanics and Waves (4)
  - PHYS 102 Introductory Physics - Electromagnetism (4)
  - or
  - PHYS 142 Electromagnetism and Optics (4)

- At least 3 Arts courses to be chosen in two of the following three categories. A maximum of two courses from any one category and a maximum of two courses from any one department.

See Attached Page 4
## 9. Approvals

<table>
<thead>
<tr>
<th>Routing Sequence</th>
<th>Name</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Curric/Acad Committee</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Faculty 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Faculty 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Faculty 3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCTP</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>APPC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Senate</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Submitted by

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
<th>Submission Date</th>
<th>CIP Code</th>
</tr>
</thead>
</table>

To be completed by ARR:

- 8.0 Consultation with Related Units: [ ] Yes [ ] No
- Financial Consult: [ ] Yes [ ] No

Attach list of consultations
7. Proposed Program (Continued)

I. Social Science

Anthropology
Economics
History
Linguistics
Political Science
Sociology

II. Humanities, Literature and Civilization

Art History & Communications Studies
Classics
East Asian Studies
English
French Language and Literature
German Studies
Hispanic Studies
Islamic Studies
Italian Studies
Jewish Studies
Philosophy
Russian Studies

III. Languages

In this category, you may take courses to acquire or to improve your language skills. A placement test may be necessary and approval from the appropriate department may be required.

Classics (Latin, Ancient Greek or Modern Greek)
English or French as a Second Language
French Language & Literature
German Studies
Hispanic Studies (Spanish)
Islamic Studies (Arabic, Persian, Turkish, Urdu)
Italian
Jewish Studies (Hebrew, Yiddish)
Russian & Slavic Studies (Polish, Russian, Armenian)
5.0 Rationale for Revised Program

The current Freshman Program needs to be revised for the following reasons:

(1) Even though students normally would take only 30 credits in the U0 year, these students are then obliged to take 21 credits in Arts electives over their four years. This means students starting their B.A. & Sc. in U0 are not able to take elective credits in any other faculty but Arts. This is clearly different from students starting the B.A. & Sc. in U1. These students have 12-15 elective credits that they can choose to take in Arts or Science, or up to 12 credits in any other faculty. The revisions proposed rectify this situation.

(2) While the Science part of the Freshman Program is structured, the current Arts part is not. The Arts part is expressed in terms of Arts Electives only. It would be better to add some structure to the Arts side so that the freshman students could use the U0 year to prepare for both their Arts and Science concentrations.

(3) The revisions would provide clearer advising information for advisors to help students plan their U0 programs to best match their intended program concentrations.