### 1.0 Degree Title
Specify the two degrees for concurrent degree programs

1.1 B.Sc.

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

Honours in Biology

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

### 1.4 Category

- [ ] Faculty Program (FP)
- [x] Honours (HON)
- Major
- Joint Honours
- Component (HC)
- Internship/Co-op
- Thesis (T)
- Non-Thesis (N)
- Other
- Please specify

### 1.5 Complete Program Title
B.Sc. Honours in Biology

### 2.0 Administering Faculty/Unit

- Faculty of 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: 201309

### 4.0 Existing Credit Weight  Proposed Credit Weight

71-75  71-75

### 5.0 Rationale for revised program

The Biology Department is making available a First Class Honours B.Sc., to be differentiated from the regular Honours. This involves simply a CGPA requirement.

### 6.0 Revised Program Description (Maximum 150 words)

**Current Description:**
The Honours program in Biology is designed expressly as a preparation for graduate studies and research, and provides students with an enriched training in biology and some research experience in a chosen area. Acceptance into the Honours program at the end of U2 requires a CGPA of 3.50 and approval of a 9- or 12-credit Independent Studies proposal (see listing of BIOL 479 and BIOL 480 for details). Students also complete a 4-credit Honours Seminar course, BIOL 499. For an Honours degree, a minimum CGPA of 3.50 in the U3 year and adherence to the program as outlined below are the additional requirements.

**Proposed Description:**
The Honours program in Biology is designed expressly as a preparation for graduate studies and research, and provides students with an enriched training in biology and some research experience in a chosen area. Acceptance into the Honours program at the end of U2 requires a CGPA of 3.50 and approval of a 9- or 12-credit Independent Studies proposal (see listing of BIOL 479 and BIOL 480 for details). Students also complete a 4-credit Honours Seminar course, BIOL 499. For an Honours degree, a minimum CGPA of 3.50 in the U3 year and adherence to the program as outlined below are the additional requirements. To be awarded First Class Honours, students must achieve a graduating CGPA of 3.75 or better, and must complete at least 9 credits of Biology or other approved Science complementary courses at the 400+ level.
### U1 Required Courses (18 credits)
- BIOL 200 (3) Molecular Biology
- BIOL 201 (3) Cell Biology and Metabolism
- BIOL 202 (3) Basic Genetics
- BIOL 205 (3) Biology of Organisms
- BIOL 206 (3) Methods in Biology of Organisms
- BIOL 215 (3) Introduction to Ecology and Evolution

### U1 Complementary Course (4 credits)
* Students who have already taken CHEM 212 or its equivalent will choose another appropriate complementary course, to be approved by the Adviser.
- CHEM 212* (4) Introductory Organic Chemistry 1

### U2 or U3 Required Courses (7 credits)
- BIOL 301 (4) Cell and Molecular Laboratory
- BIOL 373 (3) Biometry

### U2 and U3 Complementary Courses (33 credits)
Students who take CHEM 212 in U1 complete 30 credits and those exempted from CHEM 212 complete 33 credits selected as follows:
- 12 credits selected from:
  - BIOL 300 (3) Molecular Biology of the Gene
  - BIOL 303 (3) Developmental Biology
  - BIOL 304 (3) Evolution
  - BIOL 306 (3) Neural Basis of Behaviour
  - BIOL 308 (3) Ecological Dynamics
- 18-21 credits in Biology at the 300 level or higher, of which 9 credits may be from other Science departments, with approval of the Adviser.

### U3 Required Courses (4 credits)
- BIOL 499D1 (2) Honours Seminar in Biology
- BIOL 499D2 (2) Honours Seminar in Biology

### U3 Complementary Courses (12 credits)
9-12 credits selected from:
- BIOL 479D1 (4.5) Honours Research Project 1
- BIOL 479D2 (4.5) Honours Research Project 1
- BIOL 480D1 (6) Honours Research Project 2
- BIOL 480D2 (6) Honours Research Project 2

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

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- BIOL 200 (3) Molecular Biology
- BIOL 201 (3) Cell Biology and Metabolism
- BIOL 202 (3) Basic Genetics
- BIOL 205 (3) Biology of Organisms
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- BIOL 480D1 (6) Honours Research Project 2
- BIOL 480D2 (6) Honours Research Project 2
8.0 Consultation with Related Units  □ Yes  □ No  Financial Consult  □ Yes  □ No

Attach list of consultations

9. Approvals

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Submitted by

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