1.0 Degree Title
Specify the two degrees for concurrent degree programs

1.1 Bachelor of Arts and Science

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

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

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

1.5 B.A. & Sc.: Major Concentration Biology - Organismal

2.0 Administering Faculty/Unit
- Arts and Science

2.1 Offering Faculty/Department
- Science/Biology 0286

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: 201109

4.0 Existing Credit Weight
37

Proposed Credit Weight
37

5.0 Rationale for revised program
BIOL 418 and BIOL 463 has been added to the list of Complementary Courses to provide more flexibility.

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)

- The Major Concentration Biology - Organismal is a planned sequence of courses designed to permit a degree of specialization in organismal biology.
- Advising Note: Freshman students should be aware that PHYS 101 and/or PHYS 102 are required for some of the courses in the major and minor concentrations in Biology.

**Required Courses** (28 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
- BIOL 304 (3) Evolution
- BIOL 308 (3) Ecological Dynamics
- CHEM 212 (4) Introductory Organic Chemistry

**Complementary Courses (9 credits)**
- 9 credits selected from:
  - BIOL 303 (3) Developmental Biology
  - BIOL 305 (3) Animal Diversity
  - BIOL 306 (3) Neural Basis of Behaviour
  - BIOL 307 (3) Behavioural Ecology/Sociobiology
  - BIOL 310 (3) Biodiversity and Ecosystems
  - BIOL 331 (3) Ecology/Behaviour Field Course
  - BIOL 342 (3) Marine Biology
  - BIOL 350 (3) Insect Biology and Control
  - BIOL 352 (3) Vertebrate Evolution
  - BIOL 373 (3) Biometry
  - BIOL 427 (3) Herpetology
  - BIOL 435 (3) Natural Selection
  - BIOL 441 (3) Biological Oceanography
  - BIOL 465 (3) Conservation Biology
  - or other appropriate course at the 300-level or higher with permission of an adviser.

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

- The Major Concentration Biology - Organismal is a planned sequence of courses designed to permit a degree of specialization in organismal biology.
- Advising Note: Freshman students should be aware that PHYS 101 and/or PHYS 102 are required for some of the courses in the major and minor concentrations in Biology.

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- BIOL 304 (3) Evolution
- BIOL 308 (3) Ecological Dynamics
- CHEM 212 (4) Introductory Organic Chemistry

**Complementary Courses (9 credits)**
- 9 credits selected from:
  - BIOL 303 (3) Developmental Biology
  - BIOL 305 (3) Animal Diversity
  - BIOL 306 (3) Neural Basis of Behaviour
  - BIOL 307 (3) Behavioural Ecology/Sociobiology
  - BIOL 310 (3) Biodiversity and Ecosystems
  - BIOL 331 (3) Ecology/Behaviour Field Course
  - BIOL 342 (3) Marine Biology
  - BIOL 350 (3) Insect Biology and Control
  - BIOL 352 (3) Vertebrate Evolution
  - BIOL 373 (3) Biometry
  - **BIOL 418 (3) Freshwater Invertebrate Ecology**
  - BIOL 427 (3) Herpetology
  - BIOL 435 (3) Natural Selection
  - BIOL 441 (3) Biological Oceanography
  - BIOL 463 (3) Mammalian Evolution
  - BIOL 465 (3) Conservation Biology
  - or other appropriate course at the 300-level or higher with permission of an adviser.

Attach extra page(s) as needed
8.0 Consultation with Related Units  □ Yes  □ No  Financial Consult  □ Yes  □ No

Attach list of consultations N/A

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Submitted by

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<tr>
<td>Email</td>
<td><a href="mailto:Nancy.nelson@mcgill.ca">Nancy.nelson@mcgill.ca</a></td>
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