1.0 Degree Title
Specify the two degrees for concurrent degree programs

B.Sc.

1.1 Major (Legacy= Subject) (30-char. max.)
Anatomy and Cell Biology

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)
☐ Honours (HON)
☐ Joint Honours Component (HC)
☐ Internship/Co-op
☐ Thesis (T)
☐ Non-Thesis (N)
☐ Other
Please specify

1.5 Complete Program Title
Faculty Program in Anatomy and Cell Biology

2.0 Administering Faculty/Unit

Science

Offering Faculty/Department

Medicine

3.0 Effective Term of revision or retirement
Please give reasons in 8.0 “Rationale” in the case of retirement
(Ex. Sept. 2004 = 200409)

Term
200609

4.0 Existing Credit Weight

57

Proposed Credit Weight

57

5.0 Description (Maximum 150 words)

6.0 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)

Required Courses (39 credits)
ANAT 212 Molec Mechanisms of Cell Funct (3) (must be taken in U1)
ANAT 214 Systemic Human Anatomy (3)
ANAT 261 Intro to Dynamic Histology (4) (must be taken in U1)
ANAT 262 Intro Molecular &Cell Biol (3) (must be taken in U1)
ANAT 321 Circuitry of the Human Brain (3)
BIOL 200 Molecular Biology (3)
BIOL 202 Basic Genetics (3)
CHEM 212 Intro Organic Chemistry 1 (4)
CHEM 222 Intro Organic Chemistry 2 (4)
PHGY 209 Mammalian Physiology 1 (3)
PHGY 210 Mammalian Physiology 2 (3)
PSYC 204 Intro to Psychological Stats (3)
Or Math 203 Intro of Statistics 1 (3)
Or BIOL 373 Biometry (3)

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

Required Courses (36 credits)
ANAT 212 Molec Mechanisms of Cell Funct (3) (must be taken in U1)
ANAT 214 Systemic Human Anatomy (3)
ANAT 261 Intro to Dynamic Histology (4) (must be taken in U1)
ANAT 262 Intro Molecular &Cell Biol (3) (must be taken in U1)
BIOL 200 Molecular Biology (3)
BIOL 202 Basic Genetics (3)
CHEM 212 Intro Organic Chemistry 1 (4)
CHEM 222 Intro Organic Chemistry 2 (4)
PHGY 209 Mammalian Physiology 1 (3)
PHGY 210 Mammalian Physiology 2 (3)
PSYC 204 Intro to Psychological Stats (3)
Or Math 203 Intro of Statistics 1 (3)
Or BIOL 373 Biometry (3)
### Existing program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)

**Complementary Credits (18 credits)**
- 9 CREDITS from:
  - ANAT 322  Neuroendocrinology  (3)
  - ANAT 365  Cell Biology: Secretory Process  (3)
  - ANAT 381  Basis of Embryology  (3)
  - ANAT 458  Membranes & Cellular Signaling  (3)
  - NEUR 310  Cellular Neurobiology  (3)

And
- 9 CREDITS  Biologically Oriented Courses (BOC)

**Total Credits  57**

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

**Complementary Credits (21 credits)**
- 12 CREDITS from:
  - ANAT 321  Circuitry of the Human Brain  (3)  
    (U3 ONLY)
  - ANAT 322  Neuroendocrinology  (3)
  - ANAT 365  Cell Biology: Secretory Process  (3)
  - ANAT 381  Basis of Embryology  (3)
  - ANAT 458  Membranes & Cellular Signaling  (3)
  - NEUR 310  Cellular Neurobiology  (3)

And
- 9 CREDITS  Biologically Oriented Courses (BOC)

**Total Credits  57**
7.0 Consultation with Related Units
- Yes □ No □ Financial Consult
- Yes □ No □

8.0 Rationale
By making this class a complementary course rather than a required course, we are hoping to give the students in the A&CB programs more flexibility to choose upper year courses that are more in line with their educational interests. Also this was the only 300-level course in our list of required courses.

9.0 Approvals

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<tr>
<th>Routing Sequence</th>
<th>Name</th>
<th>Signature</th>
<th>Date</th>
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<tbody>
<tr>
<td>Department</td>
<td>John Bergeron</td>
<td></td>
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<tr>
<td>Curric/Acad Committee</td>
<td>Craig Mandato</td>
<td></td>
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<tr>
<td>Faculty 1</td>
<td>James Brawer</td>
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Submitted by

<table>
<thead>
<tr>
<th>Name</th>
<th>Craig Mandato</th>
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<tbody>
<tr>
<td>Phone</td>
<td>398-5349</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:Craig.mandato@mccill.ca">Craig.mandato@mccill.ca</a></td>
</tr>
<tr>
<td>Submission Date</td>
<td>September 6, 2005</td>
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