



<p><b>1.0 Degree Title</b> Specify the two degrees for concurrent degree programs</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">BSc</div> <p><b>1.1 Major (Legacy= Subject) (30-char. max.)</b></p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Biology</div> <p><b>1.2 Concentration (Legacy = Concentration/Option)</b> If applicable (30 char. max.)</p> <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <p><b>1.3 Minor (with Concentration, if applicable)</b> (30 char. max.)</p> <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <p><b>1.4 Category</b></p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> Faculty Program (FP)</td> <td><input type="checkbox"/> Honours (HON)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Major</td> <td><input type="checkbox"/> Joint Honours Component (HC)</td> </tr> <tr> <td><input type="checkbox"/> Joint Major</td> <td><input type="checkbox"/> Internship/Co-op</td> </tr> <tr> <td><input type="checkbox"/> Major Concentration (CON)</td> <td><input type="checkbox"/> Thesis (T)</td> </tr> <tr> <td><input type="checkbox"/> Minor</td> <td><input type="checkbox"/> Non-Thesis (N)</td> </tr> <tr> <td><input type="checkbox"/> Minor Concentration (CON)</td> <td><input type="checkbox"/> Other</td> </tr> <tr> <td></td> <td style="text-align: center;">Please specify</td> </tr> <tr> <td></td> <td style="text-align: center;"><div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div></td> </tr> </table> <p><b>1.5 Complete Program Title</b></p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"><b>BSc. Major in Biology</b></div>	<input type="checkbox"/> Faculty Program (FP)	<input type="checkbox"/> Honours (HON)	<input checked="" type="checkbox"/> Major	<input type="checkbox"/> Joint Honours Component (HC)	<input type="checkbox"/> Joint Major	<input type="checkbox"/> Internship/Co-op	<input type="checkbox"/> Major Concentration (CON)	<input type="checkbox"/> Thesis (T)	<input type="checkbox"/> Minor	<input type="checkbox"/> Non-Thesis (N)	<input type="checkbox"/> Minor Concentration (CON)	<input type="checkbox"/> Other		Please specify		<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	<p><b>2.0 Administering Faculty/Unit</b></p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Science</div> <p><b>Offering Faculty/Department</b></p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Science/Biology</div> <p><b>3.0 Effective Term of revision or retirement</b> Please give reasons in 5.0 "Rationale" in the case of retirement (Ex. Sept. 2004 = 200409)    <input type="checkbox"/> Retirement</p> <p>Term: <div style="border: 1px solid black; padding: 2px; display: inline-block;">200709</div></p> <p><b>4.0 Existing Credit Weight</b>      <b>Proposed Credit Weight</b></p> <div style="display: flex; justify-content: space-around; margin-bottom: 5px;"> <div style="border: 1px solid black; padding: 2px; width: 40%;">55</div> <div style="border: 1px solid black; padding: 2px; width: 40%;">58 or 59</div> </div> <p><b>5.0 Rationale for revised program</b></p> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Since CHEM 212 is a co-requisite to BIOL 200, it would be best to add it to the program rather than have it continue to be a "hidden pre-requisite". This way it is also less likely that a student may completely fail to notice the need to take the course.</p> </div>
<input type="checkbox"/> Faculty Program (FP)	<input type="checkbox"/> Honours (HON)																
<input checked="" type="checkbox"/> Major	<input type="checkbox"/> Joint Honours Component (HC)																
<input type="checkbox"/> Joint Major	<input type="checkbox"/> Internship/Co-op																
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<input type="checkbox"/> Minor Concentration (CON)	<input type="checkbox"/> Other																
	Please specify																
	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>																
<p><b>6.0 Revised Program Description (Maximum 150 words)</b></p> <div style="border: 1px solid black; padding: 10px; margin-top: 5px;"> <p>The Major requires 58 or 59 credits comprising 38 as specified below and 21 additional credits that are to be chosen by students in consultation with their advisor. Students in the Major Program are permitted to take a maximum of 9 credits of research courses.</p> </div>																	

## 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)

### Major in Biology (55 credits)

#### 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
BIOL 215	(3)	Intro to Ecology and Evolution

#### U2 or U3 Required Courses (4 credits)

BIOL 301	(4)	Cell and Molecular Biology
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#### U2 or U3 Complementary Courses (12 credits)

12 credits selected from:

BIOL 300	(3)	Molecular Biology of the Gene
BIOL 303	(3)	Developmental Biology
BIOL 304	(3)	Evolution
BIOL 306	(3)	Neurobiology and Behaviour
BIOL 308	(3)	Ecological Dynamics

#### Other Complementary Courses (21 credits)

To be selected in consultation with the student's adviser. All courses must be at the 300 level or higher; they are to include any seven Biology courses of which at most three may be substituted, given the adviser's consent, with science courses offered by other departments. Unless required by the Major Program, prerequisites for these courses must be taken as electives

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

### Major in Biology (58 or 59 credits)

#### U1 Required Courses (21 or 22 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
BIOL 215	(3)	Intro to Ecology and Evolution
CHEM 212*	(4)	Introductory Organic Chemistry 1

#### U2 or U3 Required Courses (4 credits)

BIOL 301	(4)	Cell and Molecular Biology
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#### U2 or U3 Complementary Courses (12 credits)

12 credits selected from:

BIOL 300	(3)	Molecular Biology of the Gene
BIOL 303	(3)	Developmental Biology
BIOL 304	(3)	Evolution
BIOL 306	(3)	Neurobiology and Behaviour
BIOL 308	(3)	Ecological Dynamics

#### Other Complementary Courses (21 credits)

To be selected in consultation with the student's adviser. All courses must be at the 300 level or higher; they are to include any seven Biology courses of which at most three may be substituted, given the adviser's consent, with science courses offered by other departments. Unless required by the Major Program, prerequisites for these courses must be taken as electives

\*Students who have already taken CHEM 212 or its equivalent will choose another appropriate complementary course, to be approved by the adviser.

8.0 Consultation with Related Units <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Financial Consult <input type="checkbox"/> Yes <input type="checkbox"/> No
Attach list of consultations	

<b>9. Approvals</b>			
Routing Sequence	Name	Signature	Date
Department	<input type="text" value="P. Lasko"/>	<input type="text"/>	<input type="text"/>
Curric/Acad Committee	<input type="text" value="P. Lasko"/>	<input type="text"/>	<input type="text"/>
Faculty 1	<input type="text"/>	<input type="text"/>	<input type="text"/>
Faculty 2	<input type="text"/>	<input type="text"/>	<input type="text"/>
Faculty 3	<input type="text"/>	<input type="text"/>	<input type="text"/>
SCTP	<input type="text"/>	<input type="text"/>	<input type="text"/>
GS	<input type="text"/>	<input type="text"/>	<input type="text"/>
APPC	<input type="text"/>	<input type="text"/>	<input type="text"/>
Senate	<input type="text"/>	<input type="text"/>	<input type="text"/>
Submitted by			
Name	<input type="text" value="Susan Gabe"/>	To be completed by ARR:	
Phone	<input type="text" value="7045"/>	CIP Code	
Email	<input type="text" value="susan.gabe@mcqill.ca"/>	<input type="text"/>	
Submission Date	<input type="text"/>	<input type="text"/>	