

FACULTY OF SCIENCE  
MEETING OF FACULTY  
Today May 21, 2013, 3:00 to 4:00 p.m.  
Redpah Mam Adibirn

A G E N D A

1. AAg
2. RfCin  
a FISEAw d PkCh

FACULTY OF SCIENCE  
Meeting of Faculty  
Monday, February 18, 2013  
Leacock Council Room – L232

ATTENDANCE: As recorded in the Faculty Appendix Book.

DOCUMENTS: S-11-15to S-12-22

Prof. Richard Koestner introduced Professor Melanie Dirks, Department of Psychology , and Prof. Jacques Hurtubise introduced Professor Adam Oberman, Department of Mathematics & Statistics. Each gave a three-minute presentation prior to the start of the meeting.

Dean Grant called the meeting to order at 3:05 p.m.

(1) ADOPTION OF AGENDA

Prof. Moore moved , seconded by Prof. Bell, that the Agenda be adopted.

The motion carried .

(2) CANDIDATES FOR DEGREES

a) Bachelor of Arts and Science S-12-16

602.1 Director (Advising Services) Nicole Allard said there were 21 students graduating with the B.A. & Sc. degree, twice the number compared with February 2012.

Director Allard moved, seconded by Mr. Barry, that the above degree list be recommended to the Senate Steering Committee for the Bachelor of Arts and Science degree.

The motion carried.

b) Bachelor of Science S-12-17

602.2

602.3 Director Allard further moved , seconded by Prof. Blanchette, that the Dean be given discretionary power to make such changes in the degree list as would be necessary to prevent injustice.

The motion carried.

602.4 Director Allard said that the CGPA cut-off for the Dean's Honour List would be known in June. (February and June grades are combined to determine the cut-off.)

602.5 Director Allard thanked Mr. Peter Barry, Chief Academic Advisor, the SOUSA advisors, and all departmental advisors who were involved with the graduation lists.

(3) MINUTES OF DECEMBER 4, 2012

Prof. Moore moved , seconded by Prof. Hurtubise, that the Minutes be approved.

The motion carried .

(4) BUSINESS ARISING FROM THE MINUTES

There was no business arising from the Minutes.

(5) REPORTS OF COMMITTEES

a) Academic Committee S-12-20

The Academic Committee approved the following on Tuesday, December 11, 2012:

SECTION A: NEW COURSES

Atmospheric & Oceanic Sciences

ATOC 357	Atmospheric & Oceanic Sci Lab	AC-12-44
	3 credits	

605.1 Associate Dean Hendren said that as a result of reviewing undergraduate programs, and after surveying current students, it had been decided to institute ATOC 357. Most other meteorology programs in North American univer



The motion carried .

(2) B.A. & Sc. Program Revisions

AC-12-41

605.8 Associate Dean Hendren said that all students will now have to take the integrative course, BASC 201, as a Required course. The list of Complementary integrative courses

Associate Dean Hendren moved, seconded by Prof. Moore, that the above two program retirements be approved.

The motion carried .

(4) Biology  
- Major in Biology: Quantitative Biology Option

AC-12-52

605.14 Associate Dean Hendren said that the Quantitative Biology Option was a fairly new  
thHentita



6. These reports were followed by Question Period Of interest was one question regarding the MUHC

A student senator posed a number of questions prompted by press stories about Arthur Porter.

The focus of the question was the nature of the relationship between the McGill Faculty of Medicine and the MUHC, including the criteria for cross appointments between the Faculty of Medicine and the MUHC.

Senator Eidelman, Dean of Medicine and Vice-Principal (Health Affairs), answered that the MUHC and McGill have a contract of affiliation, which is required for all hospitals that are recognized as university health centres. This contract lays out the responsibilities of both parties with regard to educational and research activities within the hospital and its associated research centres. In the case of physicians based at the MUHC, besides a few remaining legacy cases, all must be full-time, contract academic staff or tenure-track faculty. Most physicians are Contract Academic Staff appointees. There are also tenure-track scientists in the MUHC who belong to a variety of departments in the Faculty of Medicine.





Provost Masi remarked that the timing of McGill's involvement is an important factor, and noted that no statements had been made in Senate in favour of McGill getting involved with MOOCs on a for-profit basis. The University has to move deliberately and involve itself with groups which share our set of values.

Senate approved the 443rd report of the Academic Policy Committee including revisions to the Regulations on Challenge of a Thesis Examination Failure.

Senate also approved two proposed amendments to the University Student Assessment Policy.

The changes are:

1. If a student, who has been granted permission to write a deferred midterm examination, cannot write it for documented reasons, the instructor may accommodate the student in any manner deemed pedagogically appropriate by the instructor, including, but not limited to, increasing the weight of the final examination beyond 75%, notwithstanding article 6.1.3 of this policy. (which states that the final can count for a

FACULTY OF SCIENCE ACADEMIC COMMITTEE  
Report to Faculty of Science Meeting of May 21, 2013

Academic Committee approved the following on Tuesday, March 26, 2013 and April 30, 2013.

SECTION A: New Courses

- |     |  |  |                          |
|-----|--|--|--------------------------|
| (1) | Physics<br>PHYS 519                          | Advanced Biophysics<br>3 credits         | AC-12-62<br>PRN 6251, V4 |
| (2) | Environment & Economics<br>ENVR 430/ECON 430 | The Economics of Well being<br>3 credits | AC-12-73<br>PRN 5488, V7 |

SECTION B: Course Revisions

- |     |   |  |   |
|-----|---|--|---|
| (1) | B.Sc.<br>Mathematics & Statistics<br>MATH 370 | Honours Algebra 3<br>Change in prerequisites<br>3 credits  | AC-12-59<br>PRN 6008, V3                  |
| (2) | Computer Science<br>COMP 533                  | Model-Driven Software Develop.<br><br>Changes in title, description<br>3 credits   | AC-12-<br>PRN 6458, V1                    |
| 77  | COMP 546                                      | Computational Perception<br>Number change [from 646]; changes in description,<br>restriction, administering faculty<br>4 credits | AC-12-61<br>PRN 5202, V1                  |
| (3) | Biology & Physics<br>BIOL 319/PHYS 319        | Introduction to Biophysics<br>Changes in description and prerequisites<br>3 credits  | AC-12-64<br>PRN 6169, V6,<br>PRN 6246, V1 |
| (4) | B.A. & Sc.<br>COGS 402                        | Research Cognitive Science 2<br>Course retirement<br>6 credits   | MCC-12-4                                  |

SECTION C: Minor And Moderate Revisions to Programs

- |     |  |  |          |
|-----|--|--|----------|
| (1) | B.Sc.<br>Mathematics<br>- Honours in Applied Mathematics |  | AC-12-60 |
| (2) | Biology<br>- Honours (First Class) in Biology            |  | AC-12-63 |



## New Course

Proposal Reference : 6251  
 Number  
 PRN Alias : 12-13#1624  
 Version No : 4  
 Submitted By : Prof Kenneth J Ragan  
 Edited By : Prof Kenneth J Ragan

[Display Printable PDF](#)

New Data					
Program Affected?	Y				
Program Change Form Submitted?	N (Simple Change) - Simple change: add new course (PHYS 519) to list of complementary courses in U3 years for: Honours Physics (list prescribing 15 credits), and Honours Math and Physics (list prescribing 6 credits) programs.				
Subject/Course/Term	PHYS 519 z one term				
Credit Weight or CEUs	3 credits				
Course Activities	<table border="1"> <thead> <tr> <th>Schedule Type</th> <th>Hours per week</th> </tr> </thead> <tbody> <tr> <td>A - Lecture</td> <td>3</td> </tr> </tbody> </table>	Schedule Type	Hours per week	A - Lecture	3
	Schedule Type	Hours per week			
A - Lecture	3				
Total Hours per Week : 3 Total Number of Weeks : 13					
Course Title	<table border="1"> <tr> <td>Official Course Title :</td> <td>Advanced Biophysics</td> </tr> <tr> <td>Course Title in Calendar :</td> <td></td> </tr> </table>	Official Course Title :	Advanced Biophysics	Course Title in Calendar :	
	Official Course Title :	Advanced Biophysics			
Course Title in Calendar :					
Rationale	Biophysics is a dynamic and booming field, but there is still no 500-level course offered at McGill in the Physics Department. This new course will provide a special focus on the most fundamental physical aspects of biological both on the theoretical (out of equilibrium processes, biological statistical mechanics) and experimental sides (physical challenges of manipulating and imaging of living matter). This course will naturally integrate well into the local interdisciplinary initiatives between the biological and physical sciences.				
Responsible Instructor					
Course Description	An advanced biophysics course, with a special emphasis on stochastic and out of equilibrium physical processes in living matter.				
Teaching Dept.	0293 : Physics				
Administering Faculty/Unit	SC : Faculty of Science				
Prerequisites	(PHYS 333 or PHYS 362) or (PHYS 340 or PHYS 350), or permission of the instructor. Web Registration Blocked? : N				

Corequisites	
Restrictions	
Supplementary Calendar Info	

### Additional Course Charges

Campus                      Downtown

Projected Enrollment 20

Requires Resources N  
Not Currently Available

Explanation for  
Required Resources

Required  
Text/Resources Sent  
To Library?

Library Consulted  
About Availability of  
Resources?

Consultation Reports Y  
Attached?

z PHYS519\_Consultation\_Bi [View](#)

z PHYS519\_Consultation\_Phys [View](#)

Effective Term of  
Implementation            201401

File Attachments            z PHYS519\_SyllabusBiophys\_FIN [View](#)

To be completed by  
the Faculty

For Continuing Studies  
Use

### Approvals Summary

[Show all comments](#)



New Course



Faculty/Unit	
Prerequisites	ECON 230D1/D2 or 250D1, ECON 227D1/D2 or 257D1/D2 or equivalent; MATH 122 or MATH 139 or MATH 140 or MATH 150 or permission of instructor. Web Registration Blocked? : N
Corequisites	
Restrictions	ECON 430 is not open to students who have taken or are taking ENVR 430.

Supplementary  
Calendar Info

Additional Course  
Charges

Campus                      Downtown

Projected Enrollment 30

Requires Resources N  
Not Currently Available

Explanation for  
Required Resources

Required  
Text/Resources Sent  
To Library?

Library Consulted  
About Availability of  
Resources?

Consultation Reports  
Attached?

Effective Term of        201401  
Implementation

File Attachments                      z syllabus-EconWB-proposal\_6dec [View](#)

To be completed by the  
Faculty

For Continuing Studies  
Use

Approvals Summary

[Show all comments](#)

# New Course

Proposal Reference Number : 5488  
PRN Alias : 12-13#861  
Version No : 7  
Submitted By : Ms Kathryn Roulet  
Edited By : Ms Kathryn Roulet

[Display Printable PDF](#)

## New Data

Program Affected? N

Program Change Form Submitted?

Subject/Course/Term ENVR 430

z one term

Credit Weight or CEUs 3 credits

Course Activities

Total Hours per Week : 3  
Total Number of Weeks : 13

Administering  
Faculty/Unit

SC : Faculty of Science

Prerequisites

ECON 230D1/D2 or ECON 250 D1/D2; ECON 227D1/D2  
or ECON 257D1/D2 or equivalent; MATH 122 or MATH  
139 or MATH 140 or MATH 150 or permission of  
instructor.

Web Registration Blocked? : N

Corequisites

Restrictions

ENVR 430 is not open to students who have taken or are  
taking ECON 430.

Approvals Summary

[Show all comments](#)

# Revision for MATH 370

Proposal Reference Number : 6008  
PRN Alias : 12-13#1381  
Version No : 3  
Submitted By : Ms Raffaella Bruno  
Edited By : Dr Axel W Hundemer

[Display Printable PDF](#)

## Summary of Changes

### Current Data

Program Affected?

Program Change Form Submitted?

Subject/Course/Term MATH 370

z one term

Credit Weight or CEU's 3 credits.

Course Activities z A - Lecture

### New Data

N

Administering Faculty/Unit	SC : Faculty of Science	
Prerequisites	Prerequisite: MATH 251	
		Web Registration Blocked? <input type="checkbox"/>
Corequisites		
Restrictions		
Supplementary Calendar Info	1. Fall	
Additional Course Charges		
Campus		
Projected Enrollment		
Requires Resources Not Currently Available		
Explanation for Required Resources		
Consultation Reports Attached?		
Effective Term of Implementation		201309
File Attachments		No attachments have been saved yet.
To be completed by the Faculty		
For Continuing Studies Use		

## Approvals Summary

[Show all comments](#)

Version No.	Departmental Curriculum Committee	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee
-------------	-----------------------------------	----------------------	--------------------	---------------	---------------------------

							Departmental Curriculum Committee for approval Edited by: Raffaella Bruno on: Feb 19 2013
1							Submitted to Departmental Curriculum Committee for approval Created on: Feb 19 2013

# Revision for COMP 533

Proposal Reference :6458  
Number  
PRN Alias : 12-13#1831  
Version No : 1  
Submitted By : Prof Jorg Andreas  
Kienzle

Prerequisites	Prerequisite: COMP 335 or ECSE 321 or COMP 303 or COMP 361	COMP
Corequisites		
Restrictions		
Supplementary Calendar Info	1. 3 hours	
Additional Course Charges		
Campus		
Projected Enrollment		
Requires Resources Not Currently Available		
Explanation for Required Resources		
Consultation Reports Attached?		
Effective Term of Implementation		201309
File Attachments		No attachments have been saved yet.
To be completed by the Faculty		
For Continuing Studies Use		

## Approvals Summary

### Show all comments

Version No.	Departmental Curriculum Committee	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic	Curric/Academic
-------------	-----------------------------------	----------------------	--------------------	---------------	-----------------	-----------------



# Course Number Change for COMP 646

Proposal Reference Number : 5202  
 PRN Alias : 12-13#575  
 Version No : 1  
 Submitted By : Mr Michael Langer

[Display Printable PDF](#)

## Summary of Changes

### Current Data

### New Data

Program Affected?

N

Program Change Form Submitted?

Subject/Course/Term COMP 646

z one term

Credit Weight or CEU's 4 credits.

4 credits

Course Activities z A - Lecture

Schedule Type	Hours Per Week
A - Lecture	3

Total Hours per Week : 3  
 Total Number of Weeks : 13

Course Title

Course Title on Transcript	Computational Perception
Course Title on Calendar	Computational Perception.

Course Title on Transcript	Computational Perception
Course Title on Calendar	Computational Perception.

Rationale

I wish to change it from a 6xx level to a 5xx level to encourage more undergraduates to take it. In particular, our undergraduate Honors Computer Science program specifies these students must take 12 credits at the 5xx

Teaching Dept.	0155 : Computer Science	0155 : Computer Science
Administering Faculty/Unit	GR : Graduate Studies	
Prerequisites		
Corequisites		
Restrictions		
Supplementary Calendar Info	1. 3 hours	1. 3 hours

Additional Course Charges

Campus	Downtown
Projected Enrollment	25
Requires Resources Not Currently Available	N
Explanation for Required Resources	
Consultation Reports Attached?	
Effective Term of Implementation	201309
File Attachments	No attachments have been saved yet.
To be completed by the Faculty	
For Continuing Studies UseNo.	

Approvals Summary

[Show all comments](#)

# Revision for BIOL 319

Proposal Reference Number : 5169

PRN Alias : 12-13#542

Version No : 6

Submitted By : Ms Nancy Nelson

Edited By : Ms Nancy Nelson

[Display Printable PDF](#)

[Summary of Changes](#)

	following: BIOL 201, ANAT/BIOC 212, PHYS 232, or PHYS 253; or permission of the instructor	<a href="#">Web Registration Blocked</a> <a href="#">N</a>
Corequisites		
Restrictions	z Restriction: Not open to students who have taken or are taking PHYS 319	
Supplementary Calendar Info	1. Winter	
Additional Course Charges		
Campus		Downtown
Projected Enrollment		15
Requires Resources Not Currently Available		
Explanation for Required Resources		
Consultation Reports Attached?		N
Effective Term of Implementation		201401
File Attachments		z PhysBiol319Syllabus revision SRL 2013.doc <a href="#">View</a>
To be completed by the Faculty		
For Continuing Studies Use		

## Approvals Summary

### Show all comments

Version No.	Departmental Curriculum Committee	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP	Version Status
6					Approved Frederic Guichard Meeting Date: Feb 08 2013 Approval Date: Feb 8 2013 <a href="#">View Comments</a>			Approved by Curric/Academic Committee Edited by: Nancy Nelson on: Feb 8 2013
5								Approved by Department Meeting

								Edited by: Nancy Nelson on: Feb 1 2013
4								Approved by Department Meeting Edited by: Nancy Nelson on: Dec 6 2012
3		Approved Nancy Nelson Meeting Date: Nov 30 2012 Approval Date: Dec 6 2012 <a href="#">View Comments</a>						Approved by Department Meeting Edited by: Nancy Nelson on: Dec 6 2012
2								Approved by Departmental Curriculum Committee Edited by: Malek Yalaoui on: Dec 5 2012
1	Approved Nancy Nelson Meeting Date: Oct 25 2012 Approval Date: Nov 26 2012 <a href="#">View Comments</a>							Approved by Departmental Curriculum Committee Created on: Nov 26 2012



following: BIOL 201, ANAT/BIOC 212, PHYS 232, or PHYS 253; or permission of the instructor.

Web Registration Blocked	N
--------------------------	---

Corequisites

Restrictions

z Restriction: Not open to students who have

Approvals Summary

[Show all comments](#)

Course Retire for COGS 402

Proposal Reference Number :6038



File Attachments	No attachments have been saved yet.
To be completed by the Faculty	
For Continuing Studies Use	

## Approvals Summary

Show all comments

Version Departmental  
No. Curriculum



COMP 250 Introduction to Computer Science (3 credits) \*  
COMP 252 Honours Algorithms and Data Structures (3 credits)  
MATH 235 Algebra 1 (3 credits)  
MATH 242 Analysis 1 (3 credits)  
MATH 248 Honours Advanced Calculus (3 credits)  
MATH 251 Honours Algebra 2 (3 credits)  
MATH 255 Honours Analysis 2 (3 credits)  
MATH 325 Honours Ordinary Differential Equations (3 credits)  
MATH 350 Graph Theory and Combinatorics (3 credits)  
MATH 356 Honours Probability (3 credits)  
MATH 357 Honours Statistics (3 credits)  
MATH 375 Honours Partial Differential Equations (3 credits)  
MATH 376 Honours Nonlinear Dynamics (3 credits)  
MATH 470 Honours Research Project (3 credits)

\*COMP 250 may be preceded by COMP 202

Complementary Courses  
(18 credits)

3 credits selected from

MATH 249 Honours Complex Variables (3 credits)  
MATH 366 Honours Complex Analysis (3 credits)

at least 3 credits selected from :  
MATH 387 Honours Numerical Analysis (3 credits)  
MATH 397 Honours Matrix Numerical Analysis (3 credits)

and the remainder of credits selected from:  
COMP 362 Honours Algorithm Design (3 credits)  
MATH 352 Problem Seminar (1 credit)  
MATH 354 Honours Analysis 3 (3 credits)  
MATH 355 Honours Analysis 4 (3 credits)  
MATH 370 Honours Algebra 3 (3 credits)  
MATH 371 Honours Algebra 4 (3 credits)  
MATH 377 Honours Number Theory (3 credits)  
MATH 380 Honours Differential Geometry (3 credits)  
MATH 480 Honours Independent Study (3 credits)  
MATH 487 Honours Mathematical Programming (3 credits)  
MATH 488 Honours Set Theory (3 credits)  
MATH 490 Honours Mathematics of Finance (3 credits)

All MATH 500-level courses

No more than 6 credits form the following courses for which no Honours equivalent exists:

MATH 204 Principles of Statistics 2 (3 credits)  
MATH 329 Theory of Interest (3 credits)  
MATH 338 History and Philosophy of Mathematics (3 credits)  
MATH 348 Topics in Geometry (3 credits)  
MATH 407 Dynamic Programming (3 credits)  
MATH 537 Honours Mathematical Models in Biology (4 credits)

Other courses with the permission of the Department.

COMP 250 Introduction to Computer Science (3 credits) \*  
COMP 252 Honours Algorithms and Data Structures (3 credits)  
MATH 235 Algebra 1 (3 credits)  
MATH 242 Analysis 1 (3 credits)  
MATH 248 Honours Advanced Calculus (3 credits)  
\*\*MATH 247 Honours Applied Linear Algebra (3 credits)  
\*\*MATH 251 Honours Algebra 2 (3 credits)  
MATH 255 Honours Analysis 2 (3 credits)  
MATH 325 Honours Ordinary Differential Equations (3 credits)  
MATH 350 Graph Theory and Combinatorics (3 credits)  
MATH 356 Honours Probability (3 credits)  
MATH 357 Honours Statistics (3 credits)  
MATH 375 Honours Partial Differential Equations (3 credits)  
MATH 376 Honours Nonlinear Dynamics (3 credits)  
MATH 470 Honours Research Project (3 credits)

\*COMP 250 may be preceded by COMP 202

Complementary Courses  
(18 credits)

3 credits selected from

MATH 249 Honours Complex Variables (3 credits)  
MATH 366 Honours Complex Analysis (3 credits)

at least 3 credits selected from :  
MATH 387 Honours Numerical Analysis (3 credits)  
MATH 397 Honours Matrix Numerical Analysis (3 credits)

and the remainder of credits selected from:  
COMP 362 Honours Algorithm Design (3 credits)  
MATH 352 Problem Seminar (1 credit)  
MATH 354 Honours Analysis 3 (3 credits)  
MATH 355 Honours Analysis 4 (3 credits)  
MATH 370 Honours Algebra 3 (3 credits)  
MATH 371 Honours Algebra 4 (3 credits)  
MATH 377 Honours Number Theory (3 credits)  
MATH 380 Honours Differential Geometry (3 credits)  
MATH 480 Honours Independent Study (3 credits)  
MATH 487 Honours Mathematical Programming (3 credits)  
MATH 488 Honours Set Theory (3 credits)  
MATH 490 Honours Mathematics of Finance (3 credits)

All MATH 500-level courses

No more than 6 credits form the following courses for which no Honours equivalent exists:

MATH 204 Principles of Statistics 2 (3 credits)  
MATH 329 Theory of Interest (3 credits)  
MATH 338 History and Philosophy of Mathematics (3 credits)  
MATH 348 Topics in Geometry (3 credits)  
MATH 407 Dynamic Programming (3 credits)  
MATH 537 Honours Mathematical Models in Biology (4 credits)

---

---



# Program/Major or Minor/Concentration Revision Form

(07/2004)

<p><b>1.0 Degree Title</b> Specify the two degrees for concurrent degree programs</p> <p>1.1 <input style="width: 80%;" type="text" value="B.Sc."/></p> <p>1.2 Major (Legacy = Concentration/Option) If applicable (30 char. max.) <input style="width: 95%;" type="text" value="Honours in Biology"/></p> <p>1.3 Minor (with Concentration, if applicable) (30 char. max.)</p> <p>1.4 Category</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Faculty Program (FP)</td> <td style="width: 50%; border: none;">x Honours (HON)</td> </tr> <tr> <td style="border: none;">Major</td> <td style="border: none;">Joint Honours</td> </tr> <tr> <td style="border: none;">Joint Major</td> <td style="border: none;">Component (HC)</td> </tr> <tr> <td style="border: none;">Major Concentration (CON)</td> <td style="border: none;">Internship/Co-op</td> </tr> <tr> <td style="border: none;">Minor</td> <td style="border: none;">Thesis (T)</td> </tr> <tr> <td style="border: none;">Minor Concentration (CON)</td> <td style="border: none;">Non-Thesis (N)</td> </tr> <tr> <td style="border: none;"></td> <td style="border: none;">Other</td> </tr> <tr> <td style="border: none;"></td> <td style="border: none;">Please specify</td> </tr> </table> <p>Complete Program Title <input style="width: 80%;" type="text"/></p> <p>1.5 <input style="width: 95%;" type="text" value="B.Sc. Honours in Biology"/></p>	Faculty Program (FP)	x Honours (HON)	Major	Joint Honours	Joint Major	Component (HC)	Major Concentration (CON)	Internship/Co-op	Minor	Thesis (T)	Minor Concentration (CON)	Non-Thesis (N)		Other		Please specify	<p><b>2.0 Administering Faculty/Unit</b> <input style="width: 95%;" type="text" value="Faculty of Science"/></p> <p>Offering Faculty/Department <input style="width: 95%;" type="text" value="Science/Biology"/></p> <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)      Retirement</p> <p>Term: <input style="width: 80%;" type="text" value="201309"/></p> <p><b>4.0 Existing Credit Weight</b>      <b>Proposed Credit Weight</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: 1px solid black; text-align: center;">71-75</td> <td style="width: 50%; border: 1px solid black; text-align: center;">71-75</td> </tr> </table> <p><b>5.0 Rationale for revised program</b></p> <div style="border: 1px solid black; padding: 10px; min-height: 150px;"> <p>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.</p> </div>	71-75	71-75
Faculty Program (FP)	x Honours (HON)																		
Major	Joint Honours																		
Joint Major	Component (HC)																		
Major Concentration (CON)	Internship/Co-op																		
Minor	Thesis (T)																		
Minor Concentration (CON)	Non-Thesis (N)																		
	Other																		
	Please specify																		
71-75	71-75																		

**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,

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)

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

**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

Existi(BIOL 202 (3)-7(5(3).24(3))-6Basi)-6.7(c Gen7ethods 7ti)-6.n98676.9Bogy o7 Olgy o7 O.00sms BIC

---

9. Approvals

Routing Sequence	Name	Signature	Date
Department			
Curric/Acad Committee			
Faculty 1			
Faculty 2			
Faculty 3			
SCTP			
GS			
APPC			
Senate			





8.0 Program Description (Maximum 150 words)

Interdisciplinary research that draws from the natural and physical sciences is an important aspect of modern biology. The Quantitative Biology (QB) Honours option is designed for students with a deep interest in biology who wish to gain a strong grounding in physical sciences and their application to biological questions through both coursework and a research project. The QB B.Sc. honours option has two streams ; a theoretical ecology -6.79eams

9.0 List of proposed program for the New Program/Major or Minor/Concentration.

If new concentration (option) of existing Major/Minor (program), please attach a program layout (list of all courses) of existing Major/Minor.

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

---

COURSE REQUIREMENTS FOR QUANTITATIVE BIOLOGY STREAMS

21 or 22 credits from one of the following two streams:

Stream 1: Theoretical Ecology and Evolutionary Biology  
(21 credits)

Biology – 9 credits from the following:

BIOL 206 (3)      Methods in Biology of Organisms  
BIOL 304 (3)      Evolution  
BIOL 308 (3)      Ecological Dynamics

Field Courses - 3 credits from the following list or any other field course with permission:

BIOL 240 (3)      Montereyan Flora  
BIOL 331 (3)      Ecology/Behaviour field course  
BIOL 334 (3)      Applied Tropical Ecology  
BIOL 432 (3)      Limnology

9 credits chosen from the following list, of which 6 credits must be at the 400-level or above:

BIOL 310 (3)      Biodiversity and Ecosystems  
BIOL 373 (3)      Biometry  
BIOL 324 (3)      Ecological Genetics  
BIOL 434 (3)      Theoretical Ecology  
BIOL 510 (3)      Advances in Community Ecology  
BIOL 594 (3)      Advanced Evolutionary Ecology

Stream 2: Physical Biology (22 credits)

10 credits:

BIOL 301 (4)      Cell and Molecular Laboratory  
PHYS 333 (3)      Thermal and Statistical Physics

---

[Recommendations for Theoretical Ecology and Evolutionary Biology Stream]





Program/Major or Minor/Concentration  
Revision Form

(07/2004)

1.0 Degree Title

Specify the two degrees for concurrent degree programs

2.0 Administering Faculty/Unit

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)

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

n/a

Attach extra page(s) as needed

---

9. Approvals



<p>1.0 Degree Title Specify the two degrees for concurrent degree programs</p>	<p>2.0 Administering Faculty/Unit</p>														
<p>1.1 Major (Legacy= Subject) (30-char. max.)</p>	<p>Offering Faculty/Department</p>														
<p>1.2 Concentration (Legacy = Concentration/Option) If applicable (30 char. max.)</p>	<p>3.0 Effective Term of revision or retirement Please give reasons in 5.0 "Rationale" in the case of retirement (Ex. Sept. 2004 = 200409)      <input type="checkbox"/> Retirement</p>														
<p>1.3 Minor (with Concentration, if applicable) (30 char. max.)</p>	<p>Term:</p>														
<p>1.4 Category</p>	<p>4.0 Existing Credit Weight      Proposed Credit Weight</p>														
<table border="0"> <tr> <td><input type="checkbox"/> Faculty Program (FP)</td> <td><input type="checkbox"/> Honours (HON)</td> </tr> <tr> <td><input 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>Please specify</td> </tr> </table>	<input type="checkbox"/> Faculty Program (FP)	<input type="checkbox"/> Honours (HON)	<input 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	<p>5.0 Rationale for revised program</p>
<input type="checkbox"/> Faculty Program (FP)	<input type="checkbox"/> Honours (HON)														
<input 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														
<p>1.5 Complete Program Title</p>															

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)

--	--

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

--	--

Attach extra page(s) as needed



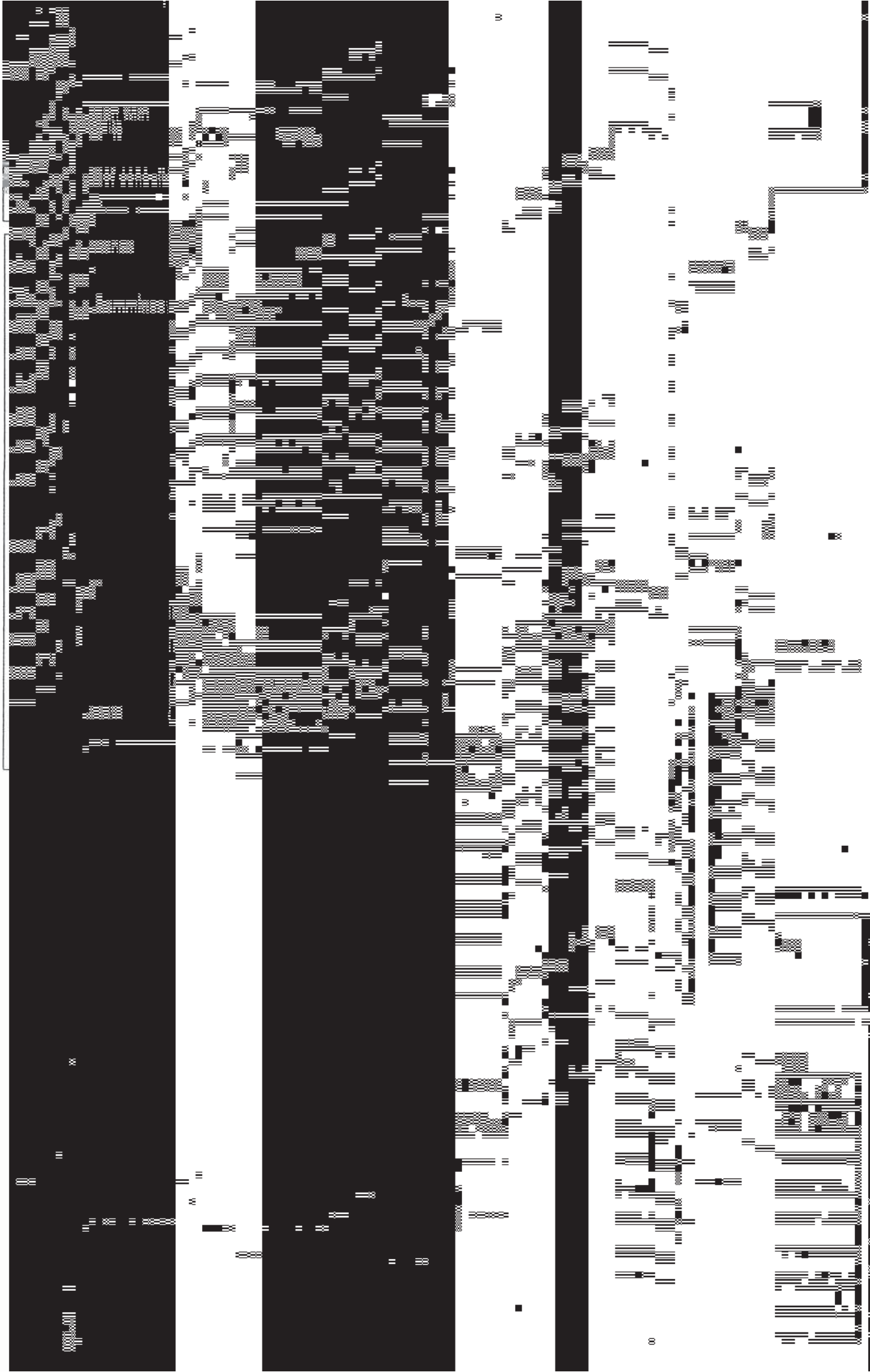
6 credits selected from the following upper-level science courses:

Committee approval is required to substitute an upper-level science course not in the list below.

PHAR 599D1 and PHAR 599D2 are taken together.

\* Note: Students may take either ANAT 458 or BIOC 458.







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)

--	--

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

--	--

Attach extra page(s) as needed





**Existing Program List**

**U1 Required Courses (22 credits)**

\* Students with prior credit for CHEM 212 may take an elective in place of this course.

**U1 Required Courses (22 credits)**

\* Students with prior credit for CHEM 212 may take an elective in place of this course.

**U2 Required Courses (16 credits)**

**U2 Required Courses (16 credits)**

**U3 Required Courses (18 credits)**

\* PHAR 599D1 and PHAR 599D2 are taken together.

**U3 Required Courses (18 credits)**

\* PHAR 599D1 and PHAR 599D2 are taken together.

**Complementary Courses (18 credits)**

18 credits selected as follows:  
3 credits selected from (usually in Year 1):

**Complementary Courses (18 credits)**

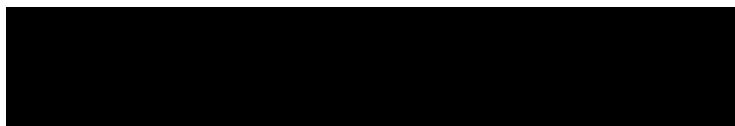
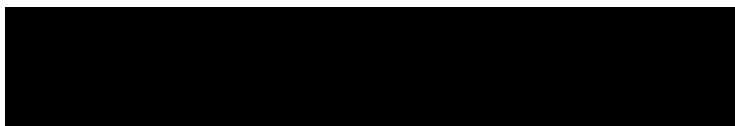
18 credits selected as follows:  
3 credits selected from (usually in Year 1):

3 credits selected from (usually in Year 2):

3 credits selected from (usually in Year 2):

3 credits selected from (usually in Year 2):

3 credits selected from (usually in Year 2):

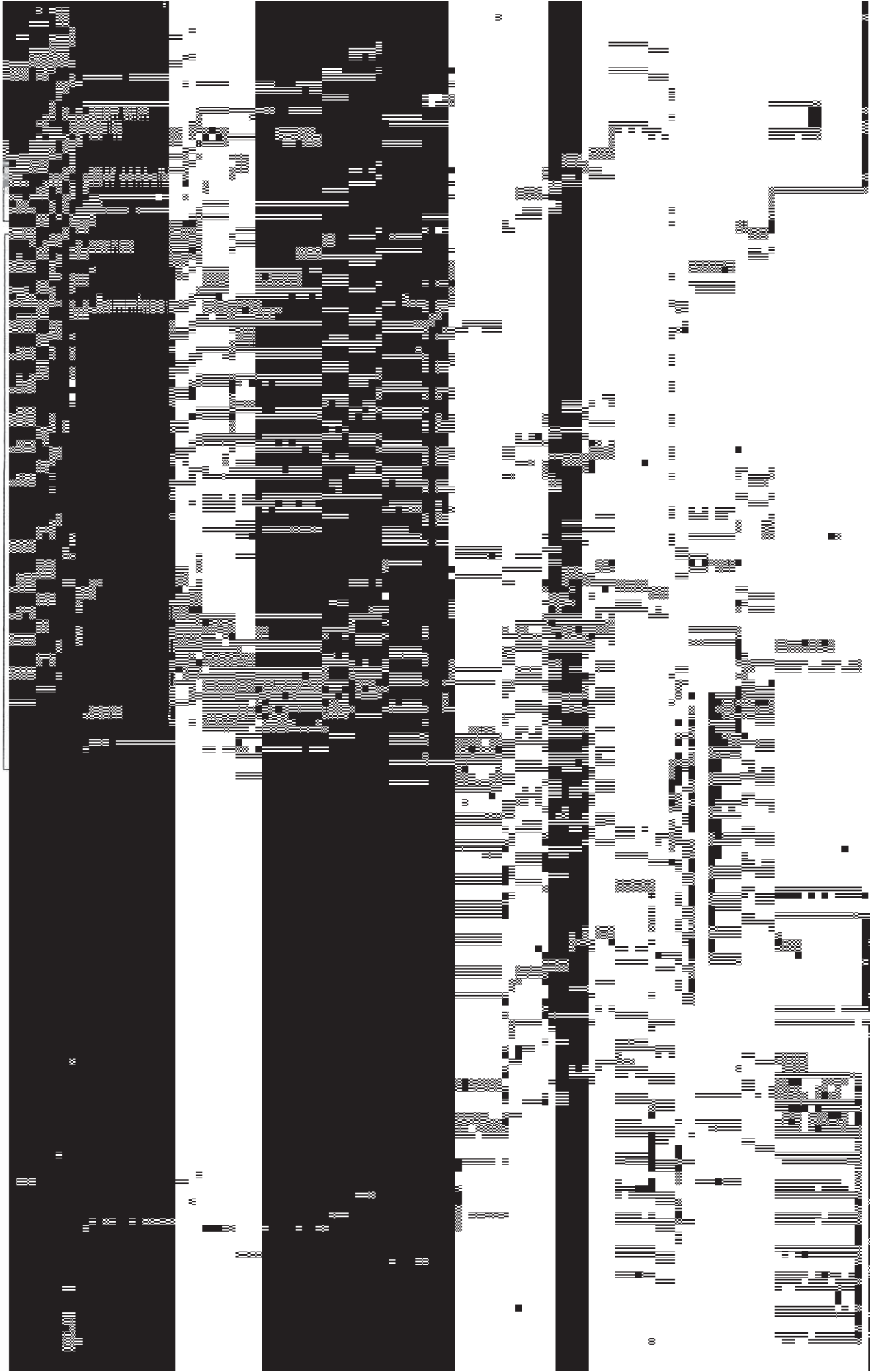


9 credits selected from the following upper-level science courses:

Committee approval is required to substitute an upper-level science course not in the list below.

\* Note: Students may take either ANAT 458 or BIOC 458.







# Program/Major or Minor/Concentration Revision Form

(09/2003)

<p><b>1.0 Degree Title</b> Specify the two degrees for concurrent degree programs</p> <p><b>1.1 Major (Legacy= Subject) (30-char. max.)</b></p> <p><b>1.2 Concentration (Legacy = Concentration/Option) If applicable (30 char. max.)</b></p>	<p><b>2.0 Administering Faculty/Unit</b></p> <p>Offering Faculty/Department</p> <p><b>3.0 Effective Term of revision or retirement</b></p>
---	--

**7.0 Consultation with  
Related Units**

**Yes No**

**Financial Consult**

**Yes No**

Attach list of consultations.

**8.0 Rationale**

**9.0 Approvals**

<b>Routing Sequence</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
-------------------------	-------------	------------------	-------------

Department

Curric/Acad Committee

Faculty 1

Faculty 2

Faculty 3

SCTP

GS

APPC

Senate

Submitted by

Name

Phone

CIP Code

Email

Submission Date

To be appended to Program Change Proposals for:

## BSc; Environment; Food Production and Environment

(bsc\_environment\_food\_revision\_2012.doc)

## BSc (AgEnvSc); Environment; Food Production and Environment

(bscagenvsc\_environment\_food\_revision\_2012.doc)

### Course list

Deleted courses shown as ~~strikeout~~, added courses or other changes are shown as underlined italics. Courses at Macdonald Campus are shown with (M). Numbers in <sup>1</sup>superscript refer to comments in the rationale.

This domain (63 credits including core) is open only to students in the B.Sc. (Ag.Env.Sc.) Major in Environment or B.Sc. in Environment program.

This domain (63 credits including core) is open only to students in the B.Sc. (Ag.Env.Sc.) Major in Environment or B.Sc. in Environment program.

~~The business of food production is an area of human activity with a large and intimate interaction with the environment. Modern agriculturalists must strike a delicate balance between trying to provide food for themselves, their families and urban dwellers while trying to minimize environmental damage. When negative effects due to agricultural activities do occur, they are not usually the classic point source effects that we have come to associate with industry of large cities. Rather, the effects are over extremely large land areas cumulating, perhaps, in pollution of river systems or lakes some distance away. As world populations grow, and as diets change, potentially negative interactions between agricultural systems and other facets of the environment will become more frequent. In the same way, urban sprawl will make conflicts between agriculture and urbanites more common.~~

<sup>1</sup> The business of food production is an area of human activity with a large and intimate interaction with the environment. As global population rises, the demand for food and food production increases. This demand must be met through a combination of increased productivity of existing agricultural land and by bringing new arable land into production. This is a serious challenge for two main reasons. Firstly, there are environmental impacts of agricultural activities which can be significant and which can be difficult to assess and contain, as the effects range from loss of biodiversity due to increasing farm size, production of biofuels versus food, non-point source pollution of rivers and lakes and a loss of arable land to urbanization. Secondly, a growing population needs support from a number of different land uses (eg. urban growth, transportation, water resource use, timber resources etc.), many of which conflict, and all of which

With a judicious choice of courses, graduates of this domain may be eligible to apply for membership in the Order des agronomes du Quebec (OAQ) and the Agricultural Institute of Canada (AIC).

### Program Pre-requisites or Co-requisites

One of the following courses or CEGEP equivalent (e.g., CEGEP objective 00XU):  
BIOL 112 (3) Cell and Molecular Biology  
LSCI 211 (3) Biochemistry 1

One of the following courses of CEGEP equivalent (e.g., CEGEP objective 00XV):  
CHEM 212 (4) Introductory Organic Chemistry 1  
FDSC 230 (4) Organic Chemistry

Program Requirements

Students are required to take a maximum of 34 credits at the 200 level and a minimum of 15 credits at the 400 level or higher in this program. This includes core and required courses, but does not include the domain pre-/co-requisites listed above.



One of:  
BIOL 308 (3) Ecological Dynamics





~~0011A~~  
~~6~~

~~0015~~

10 ~~0011A~~  
~~1111~~

~~0015~~



# Program/Major or Minor/Concentration Revision Form

(07/2004)

<p>1.0 Degree Title Specify the two degrees for concurrent degree programs</p>	<p>2.0 Administering Faculty/Unit</p> <p>Offering Faculty/Department</p>
<p>1.1 Major (Legacy= Subject) (30-char. max.)</p>	<p>3.0 Effective Term of revision or retirement</p>
<p>1.2 Concentration (Legacy = Concentration/Option) If applicable (30 char. max.)</p>	

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)

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

Foundational Courses

The Freshman Program requirements include foundational courses in both Science and Arts which must be selected as

---

9. Approvals

Routing Sequence	Name	Signature	Date
Department			
Curric/Acad Committee			
Faculty 1			
Faculty 2			
Faculty 3			
SCTP			
GS			



# Program/Major or Minor/Concentration Revision Form

(07/2004)

<p>1.0 Degree Title Specify the two degrees for concurrent degree programs</p> <p>1.1 Major (Legacy= Subject) (30-char. max.)</p> <p>1.2 Concentration (Legacy = Concentration/Option) If applicable (30 char. max.)</p> <p>1.3 Minor (with Concentration, if applicable) (30 char. max.)</p> <p>1.4 Category</p>	<p>2.0 Administering Faculty/Unit</p> <p style="padding-left: 40px;">Offering Faculty/Department</p> <p>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</p> <p style="padding-left: 40px;">Term:</p> <p>4.0 Existing Credit Weight                      Proposed Credit Weight</p> <p>5.0 Rationale for revised program</p>
---	---

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



---

9. Approvals

Routing Sequence	Name	Signature	Date
Department			
Curric/Acad Committee			
Faculty 1			
Faculty 2			
Faculty 3			
SCTP			
GS			

Active and Inactive Courses in 2013/14 With No Enrolment Since Fall 2007							
ADMIN FACULTY CODE	TEACHING FACULTY CODE	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	ACTIVE COURSE IND	COMMENTS	RETIRED?
SC	SC	ATOC	552	Selected Topics 2	Y		YES
SC	SC	ATOC	555	Field Course 1	Y	This will become a full time course, converted from ATOC 400 (field course on storm chasing)	NO
SC	SC	ATOC	556	Field Course 2	Y	This is a target of opportunity. It will provide a chance for students to join field campaigns and/or do experiments at the McGill radar site or field site in Barbados. We have three new faculty coming on board (hopefully) that can contribute to teaching it.	NO
GR	SC	ATOC	616	Topic 6: Geophysical Fluid Dynamics	Y	We already argued for the unretirement of ATOC 666 in 2012. Those arguments still apply here: students who enter the ATOC graduate program come from a variety of backgrounds. For those with already strong backgrounds in atmospheric and/or ocean science, these more specialized courses allow students to simultaneously advance their education and satisfy program requirements.	NO
GR	SC	ATOC	666	Topic 6: Ocean Circulation	Y	We already argued for the unretirement of ATOC 616 in 2012; those arguments still apply here: students who enter the ATOC graduate program come from a variety of backgrounds. For those with already strong backgrounds in atmospheric and/or ocean science, these more specialized courses allow students to simultaneously advance their education and satisfy program requirements.	NO
GR	SC	ATOC	669	Seminar	N		YES
SC	SC	BIOL	571	Experimental Evolution/Ecology	Y		YES



GR	SC	MATH	741	Topics	Analysis2		Note: this course was not on your original list	YES
GR	SC	MATH	743	Topics	Microlocal Analysis		Note: this course was not on your original list	YES
GR	SC	MATH	744	Topics	Spectral Theory	Y		YES
GR	SC	MATH	762	Topics	Applied Mathematics 2		Note: this course was not on your original list	YES
GR	SC	MATH	704*	Topics	Mathematical Logic	Y		NO
GR	SC	MATH	742*	Topics	Mathematical Physics	Y		NO
GR	SC	MATH	756*	Topics	Optimization	Y		NO
GR	SC	MATH	763*	Topics	Diff. Eqns.	Y		NO
GR	SC	MATH	765*	Topics	Numerical Analysis	Y		NO
SC	MD	PHGY	517	Artificial	Internal Organs	Y		YES
GR	SC	PHYS	633	Seminar	Astrophysics 2	Y	The course is an independent study/research/project course	NO
GR	SC	PHYS	732	Topics	Astrophysics 1	Y		YES
GR	SC	PHYS	733	Topics	Astrophysics 2	Y	Independent study/research/project course	YES
PHYS	732	Topics					NO	

These have very general descriptors, but allow for opportunity.

3) A set of topics courses at the 700 level, with slightly more precise descriptors. We will eliminate the ones with the suffix 2, except in statistics, as the only real reason to

and/or group of students see an opportunity for a course on an advanced topic, and persuade the chair that it should be given. It is also, by the way, the norm at major schools across the continent. As the cost for maintaining this configuration is nil, and the time expense for reinstating numbers is considerable, we request that this stable and sane configuration be maintained.

Some of the courses suggested for cancellation and which we want to keep, by the way, correspond to areas in which we have recently hired, and we have faculty that will be teaching in this area in the next year.

From <http://www.mcgill.ca/study/2013/>

[2014/university\\_regulations\\_and\\_resources/undergraduate/ug\\_graduation\\_honours\\_faculty\\_of\\_science\\_deans\\_multidisc\\_u\\_g\\_research\\_list](#)

## Graduation Honours: Faculty of Science Dean's Multidisciplinary Undergraduate Research List

The [redacted] Dean's Multidisciplinary Undergraduate Research List recognizes Bachelor of Science (B.Sc.) [redacted] students who have participated in substantial and broad undergraduate [redacted] research. To be placed on the [redacted] Dean's Multidisciplinary Undergraduate Research List at graduation, [redacted] S óq „ ĐÀ f'WEÖ1A Íê óq b\$ OÀ 0Science



# Program/Major or Minor/Concentration Revision Form

(07/2004)

<p>1.0 Degree Title Specify the two degrees for concurrent degree programs</p>	<p>2.0 Administering Faculty/Unit <input type="text" value="Engineering"/></p>																
<p>1.1 Major (Legacy= Subject) (30-char. max.)</p>	<p>Offering Faculty/Department <input type="text" value="Faculty of Science / School of Computer Science"/></p>																
<p>1.2 Concentration (Legacy = Concentration/Option) If applicable (30 char. max.) <input type="text"/></p>	<p>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: <input type="text" value="201309"/></p>																
<p>1.3 Minor (with Concentration, if applicable) (30 char. max.) <u>Computer Science for Engineering Students</u></p>	<p>4.0 Existing Credit Weight          Proposed Credit Weight <input type="text"/></p>																
<p>1.4 Category</p> <table border="0"> <tr> <td>Faculty Program (FP)</td> <td>Honours (HON)</td> </tr> <tr> <td>Major</td> <td>Joint Honours</td> </tr> <tr> <td>Joint Major</td> <td>Component (HC)</td> </tr> <tr> <td>Major Concentration (CON)</td> <td>Internship/Co-op</td> </tr> <tr> <td><u>Minor</u></td> <td>Thesis (T)</td> </tr> <tr> <td>Minor Concentration (CON)</td> <td>Non-Thesis (N)</td> </tr> <tr> <td></td> <td>Other</td> </tr> <tr> <td></td> <td>Please specify</td> </tr> </table>	Faculty Program (FP)	Honours (HON)	Major	Joint Honours	Joint Major	Component (HC)	Major Concentration (CON)	Internship/Co-op	<u>Minor</u>	Thesis (T)	Minor Concentration (CON)	Non-Thesis (N)		Other		Please specify	<p>5.0 Rationale for revised program</p> <div style="border: 1px solid black; padding: 5px;"> <p>CIVE 320 (Numerical Methods), ECSE 443 (Introduction to Numerical Methods in Electrical Engineering) and MATH 317 (Numerical Analysis) are numerical methods courses that are substantially equivalent to COMP 350 and</p> </div>
Faculty Program (FP)	Honours (HON)																
Major	Joint Honours																
Joint Major	Component (HC)																
Major Concentration (CON)	Internship/Co-op																
<u>Minor</u>	Thesis (T)																
Minor Concentration (CON)	Non-Thesis (N)																
	Other																
	Please specify																
<p>1.5 Complete Program Title</p>																	

6.0 Revised Program Description (Maximum 150 words)

---







Academic Committee Meeting  
Tuesday, March 26, 2013  
3:00 P.M.

Senate Amendment to Assessment Policy

For Information

Below is the wording of the amendment to the Assessment Policy approved by Senate on January 23, 2013.

---

APC recommends, for Senate's approval, that Articles 3.4.3 and 8.1.1 be amended as follows:

3.4.3 Students, who for valid documented reasons (such as illness or family tragedy), cannot submit a required Assessment in a Course, on providing satisfactory proof of their inability, may apply in accordance with the Faculty procedures relating to Deferred Assessments for permission to undertake a Deferred Assessment or receive another type of accommodation, provided the application is made withi

Academic Committee Meeting  
Tuesday, March 26, 2013  
3:00 P.M.

Below is the proposed wording for the Faculty of Science's internal guidelines regarding assignment due dates.

FROM: University Student Assessment Policy

4. WRITTEN ASSIGNMENTS OTHER THAN EXAMINATIONS

4.1 Submission of Written Assignments other than Examinations:

4.1.1 Instructors shall ensure that Students are provided with sufficient time to complete in-term written Assignments prior to the commencement of the final examination period.

4.1.2 Unless otherwise provided by the Unit/Faculty, the due date for in-term written Assignments shall be no later than the last day of classes as specified in the University calendar.

Faculty of Science Procedures

Articles 4.1.1 and 4.1.2 above are intended to ensure that students have adequate time to work on in-term assignments as well as to prepare for their final exams. Given this, the Faculty of Science proposes the following procedures:

In courses with final exams: All written assignments must be due on or before the last day of classes.

In courses with no final exam: The due date for written in-term assignments shall be no later than the last day of the final exam period, provided that

