



<p>1.0 Degree Title Specify the two degrees for concurrent degree programs BSc.</p>	<p>2.0 Administering Faculty/Unit Faculty of Science, Dean's Office; Multidisciplinary Offering Faculty/Department Science, Medicine – Biology, Physiology, Psychology</p>																
<p>1.1 Major (Legacy= Subject) (30-char. max.) Minor in Neuroscience</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: 201309</p>																
<p>1.2 Concentration (Legacy = Concentration/Option) If applicable (30 char. max.)</p>	<p>4.0 Existing Credit Weight Proposed Credit Weight 25 25</p>																
<p>1.3 Minor (with Concentration, if applicable) (30 char. max.) Minor in Neuroscience</p>	<p>5.0 Rationale for revised program Students may replace CHEM 212 and MATH 222 credits from CEGEP with electives to make it more in line with other programs and students have obtained the knowledge. Changing of the wording of the 400/500-level stipulation allows students to take more courses at the higher level. Inclusion of a new course (BIOL 320) which is already listed in the NSCI Major as a complementary course. This will allow students an additional option from the list of 200- or 300-level complementary courses.</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>X Minor</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	X Minor	Thesis (T)	Minor Concentration (CON)	Non-Thesis (N)		Other		Please specify	
Faculty Program (FP)	Honours (HON)																
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	Please specify																
<p>1.5 Complete Program Title BSc; Minor in Neuroscience</p>																	
<p>6.0 Revised Program Description (Maximum 150 words) N/A</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)

Program Requirements

The Minor in Neuroscience is composed of 25 credits: 13 required and 12 complementary. For the 12 complementary credits, at least 6 must be at the 400- or 500-level and not from the student's home department.

All course selections for the Minor must be approved by the program's adviser, Ryan Bouma (Email: ryan.bouma@mcgill.ca; Office: Dawson Hall, Rm 411).

A maximum of 6 credits can be counted for both the student's primary program and for the Minor in Neuroscience.

Required Courses (13 credits)

* Note: If CHEM 212 is taken prior to the start of the program, credits must be replaced with an alternative 3- or 4- credit course in the program, with approval from the Program Adviser.

BIOL 200 Molecular Biology	3 credits
CHEM 212* Introductory Organic Chem 1	4 credits
NSCI 200 Introduction to Neuroscience 1	3 credits
NSCI 201 Introduction to Neuroscience 2	3 credits

Complementary Courses (12 credits)

12 credits selected as follows:
 - 6 credits selected from the list of 200- and 300-level courses.
 - 6 of the 12 credits have to be at the 400 or 500 level and not from the student's home department.

0-6 credits from the following list of 200- and 300-level courses:

Notes:

* Students may select [ANAT 212](#) or [BIOC 212](#) or [BIOL 201](#).

** Students may select either [BIOL 306](#) or [PHGY 314](#).

ANAT 212*	Molecular Mechanisms of Cell Function	3 credits
BIOC 212*	Molecular Mech of Cell Funct	3 credits
BIOL 201*	Cell Biology and Metabolism	3 credits
BIOL 202	Basic Genetics	3 credits
BIOL 300	Molecular Biology of the Gene	3 credits
BIOL 306**	Neural Basis of Behaviour	3 credits
BIOL 389	Laboratory in Neurobiology	3 credits
LING 390	Neuroscience of Language	3 credits
NEUR 310	Cellular Neurobiology	3 credits
PHGY 311	Channels, Synapses & Hormones	3 credits
PHGY 314**	Integrative Neuroscience	3 credits
PSYC 302	The Psychology of Pain	3 credits
PSYC 311	Human Cognition and the Brain	3 credits
PSYC 315	Computational Psychology	3 credits
PSYC 317	Genes and Behaviour	3 credits
PSYC 318	Behavioural Neuroscience 2	3 credits
PSYC 342	Hormones and Behaviour	3 credits

(See Attachment 1A annexed)

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

Program Requirements

The Minor in Neuroscience is composed of 25 credits: 13 required and 12 complementary. For the 12 complementary credits, at least 6 must be at the 400- or 500-level and not from the student's home department.

All course selections for the Minor must be approved by the program's adviser, Ryan Bouma/Wendy Brett (Email: ryan.bouma@mcgill.ca/wendy.brett@mcgill.ca; Office: Dawson Hall, Rm 411).

A maximum of 6 credits can be counted for both the student's primary program and for the Minor in Neuroscience.

Required Courses (13 credits)

* Note: If CHEM 212 is taken prior to the start of the program, credits must be replaced with an alternative 3- or 4- credit course in the program, with approval from the Program Adviser. Students who have successfully completed an equivalent of CHEM 212 in CEGEP or elsewhere prior to starting at McGill must replace these credits with a 3-credit elective course to satisfy the total credit requirement for the Neuroscience Minor.

BIOL 200 Molecular Biology	3 credits
CHEM 212* Introductory Organic Chemistry 1	4 credits
NSCI 200 Introduction to Neuroscience 1	3 credits
NSCI 201 Introduction to Neuroscience 2	3 credits

Complementary Courses (12 credits)

12 credits selected as follows:

- At least 6 of the 12 credits have to be at the 400- or 500-level
 - At least 6 of the 400- or 500-level credits have to be from outside the student's home department

0-6 credits from the following list of 200- and 300-level courses:

Notes:

* Students may select [ANAT 212](#) or [BIOC 212](#) or [BIOL 201](#).

** Students may select either [BIOL 306](#) or [PHGY 314](#).

ANAT 212*	Molecular Mechanisms of Cell Function	3 credits
BIOC 212*	Molecular Mech of Cell Funct	3 credits
BIOL 201*	Cell Biology and Metabolism	3 credits
BIOL 202	Basic Genetics	3 credits
BIOL 300	Molecular Biology of the Gene	3 credits
BIOL 306**	Neural Basis of Behaviour	3 credits
BIOL 320	The Evolution of Brain and Behaviour	3 credits
BIOL 389	Laboratory in Neurobiology	3 credits
LING 390	Neuroscience of Language	3 credits
NEUR 310	Cellular Neurobiology	3 credits
PHGY 311	Channels, Synapses & Hormones	3 credits
PHGY 314**	Integrative Neuroscience	3 credits
PSYC 302	The Psychology of Pain	3 credits
PSYC 311	Human Cognition and the Brain	3 credits
PSYC 315	Computational Psychology	3 credits
PSYC 317	Genes and Behaviour	3 credits
PSYC 318	Behavioural Neuroscience 2	3 credits
PSYC 342	Hormones and Behaviour	3 credits

8.0 Consultation with
Related Units

Yes No

Financial Consult

Yes No

Attach list of consultations

9. Approvals

Routing Sequence

Name

Signature

Date

Department

Dr. Monroe Cohen

M. W. H.

OCT 30, 2012

Curric/Acad Committee

Faculty 1

D. Ragsdale

D. Ragsdale

Nov-6-12

Faculty 2

Faculty 3

SCTP

GS

APPC

Senate

Submitted by

Name

To be completed by ARR:

Phone

CIP Code

Email

Submission Date