



<p>1.0 Degree Title Specify the two degrees for concurrent degree programs</p> <p><input type="text" value="B.Sc. in Pharmacology"/></p> <p>1.1 Major (Legacy= Subject) (30-char. max.)</p> <p><input type="text"/></p> <p>1.2 Concentration (Legacy = Concentration/Option) If applicable (30 char. max.)</p> <p><input type="text"/></p> <p>1.3 Minor (with Concentration, if applicable) (30 char. max.)</p> <p><input type="text" value="Pharmacology"/></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><b>X Minor</b></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> <p><input type="text"/></p> <p>1.5 Complete Program Title: <b><u>Minor in Pharmacology</u></b></p>	Faculty Program (FP)	Honours (HON)	Major	Joint Honours	Joint Major	Component (HC)	Major Concentration (CON)	Internship/Co-op	<b>X Minor</b>	Thesis (T)	Minor Concentration (CON)	Non-Thesis (N)		Other		Please specify	<p>2.0 Administering Faculty/Unit</p> <p><input type="text" value="Faculty of Science"/></p> <p>Offering Faculty/Department</p> <p><input type="text" value="Faculty of Medicine / Dept. of Pharmacology &amp; Therapeutics"/></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>Term: <input type="text" value="201509"/></p> <p>4.0 Existing Credit Weight          Proposed Credit Weight</p> <table border="0"> <tr> <td><input type="text" value="24 credits"/></td> <td><input type="text" value="24 credits"/></td> </tr> </table> <p>5.0 <b>Rationale for revised program</b></p> <div style="border: 1px solid black; padding: 5px;"> <ul style="list-style-type: none"> <li>- Updated the name and contact information of the Coordinator for Minor Program: "Please contact the Student Affairs Coordinator: Chantal Grignon, <a href="mailto:undergradstudies.pharmacology@mcgill.ca">undergradstudies.pharmacology@mcgill.ca</a>; 514-398-3623".</li> <li>- PHAR 503 is no longer a prerequisite to PHAR 504 and PHAR 504 may be taken without it.</li> <li>- Additional Complementary 500 level courses have been created to provide more choices to students in their final year. These new courses should have an impact on class sizes, which have been increasing to the extent that they decrease the opportunity for interactions and limit the format of some of these courses.</li> </ul> </div>	<input type="text" value="24 credits"/>	<input type="text" value="24 credits"/>
Faculty Program (FP)	Honours (HON)																		
Major	Joint Honours																		
Joint Major	Component (HC)																		
Major Concentration (CON)	Internship/Co-op																		
<b>X Minor</b>	Thesis (T)																		
Minor Concentration (CON)	Non-Thesis (N)																		
	Other																		
	Please specify																		
<input type="text" value="24 credits"/>	<input type="text" value="24 credits"/>																		

6.0 Revised Program Description (Maximum 150 words)

n/a

## 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)

### Minor in Pharmacology (24 credits)

#### Program Requirements

The Minor Pharmacology is intended for students registered in a complementary B.Sc. program who are interested in a focused introduction to specialized topics in pharmacology to prepare them for professional schools, graduate education, or entry into jobs in industry or research institutes. Students should declare their intent to enter the Minor in Pharmacology at the beginning of their U2 year. They must consult with, and obtain the approval of, the Coordinator for the Minor Program in the Department of Pharmacology and Therapeutics. (Please contact the coordinator: Dr. Terry Hébert; [terence.hebert@mcgill.ca](mailto:terence.hebert@mcgill.ca); 514-398-1398).

All courses in the Minor program must be passed with a minimum grade C or better. Generally, no more than 6 credits of overlap are permitted between the Minor and the primary program.

#### Required Courses (12 credits)

- PHAR 300 Drug Action (3 credits)
- PHAR 301 Drugs and Disease (3 credits)
- PHAR 562 General Pharmacology 1 (3 credits)
- PHAR 563 General Pharmacology 2 (3 credits)

#### Complementary Courses (12 credits)

12 credits selected as follows:

3 credits, one of:

- BIOC 212 Molecular Mechanisms of Cell Function (3 credits)
- BIOL 200 Molecular Biology (3 credits)
- BIOL 201 Cell Biology and Metabolism (3 credits)

3 credits, one of:

- PHGY 209 Mammalian Physiology 1 (3 credits)
- PHGY 210 Mammalian Physiology 2 (3 credits)

6 credits, chosen from:

\* PHAR 504 can be taken with PHAR 503 only.

- PHAR 303 Principles of Toxicology (3 credits)
- PHAR 503 Drug Discovery and Development 1 (3 credits) \*
- PHAR 504 Drug Discovery and Development 2 (3 credits) \*
- PHAR 558 Pharmacology Selected Topics (3 credits)
- PHAR 599 Pharmacology Research Project (6 credits)

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

### Minor in Pharmacology (24 credits)

#### Program Requirements

The Minor Pharmacology is intended for students registered in a complementary B.Sc. program who are interested in a focused introduction to specialized topics in pharmacology to prepare them for professional schools, graduate education, or entry into jobs in industry or research institutes. Students should declare their intent to enter the Minor in Pharmacology at the beginning of their U2 year. They must consult with, and obtain the approval of, the Coordinator for the Minor Program in the Department of Pharmacology and Therapeutics. ~~(Please contact the coordinator: Dr. Terry Hébert; [terence.hebert@mcgill.ca](mailto:terence.hebert@mcgill.ca); 514-398-1398).~~ Please contact the Student Affairs Coordinator, Chantal Grignon; [undergradstudies.pharmacology@mcgill.ca](mailto:undergradstudies.pharmacology@mcgill.ca); 514-398-3623).

All courses in the Minor program must be passed with a minimum grade C or better. Generally, no more than 6 credits of overlap are permitted between the Minor and the primary program.

#### Required Courses (6 credits)

6 credits selected as follows:

- PHAR 300 Drug Action (3 credits)
- PHAR 301 Drugs and Disease (3 credits)

#### Complementary Courses (18 credits)

18 credits selected as follows:

3 credits, one of:

- BIOC 212 Molecular Mechanisms of Cell Function (3 credits)
- BIOL 200 Molecular Biology (3 credits)
- BIOL 201 Cell Biology and Metabolism (3 credits)

3 credits, one of:

- PHGY 209 Mammalian Physiology 1 (3 credits)
- PHGY 210 Mammalian Physiology 2 (3 credits)

3 credits, one of:

- PHAR 503 Drug Discovery and Development 1 (3 credits)
- PHAR 505 Structural Pharmacology (3 credits)

3 credits, one of:

- PHAR 562 Neuropharmacology (3 credits)
- PHAR 563 Endocrine Pharmacology (3 credits)

6 credits, chosen from:

\* PHAR 504 can be taken with PHAR 503 only.

- PHAR 303 Principles of Toxicology (3 credits)
- PHAR 504 Drug Discovery and Development 2 (3 credits)
- PHAR 508 Drug Discovery and Development 3 (3 credits)
- PHAR 562 Neuropharmacology (3 credits)
- PHAR 563 Endocrine Pharmacology (3 credits)
- PHAR 565 Epigenetic Drugs and Targets (3 credits)
- PHAR 599 Pharmacology Research Project (6 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. Gerhard Multhau

Curric/Acad Committee

Dr. Barbara Hales

Faculty 1

Faculty 2

Faculty 3

SCTP

GS

APPC

Senate

Submitted by

Name

Chantal Grianon

Phone

514-398-3623

Email

chantal.grianon@mcdill.ca

Submission Date

To be completed by ARR:

CIP Code