

PHARMACOLOGY MINOR (B.SC.) (24 CREDITS)

Offered by: Pharmacology and Therapeutics (Faculty of Science)

Degree: Bachelor of Science

Program credit weight: 24

Program Description

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 Student Affairs Coordinator: Chantal Grignon (undergradstudies.pharmacology@mcgill.ca; 514-398-3622).

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.

Note: For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

Required Courses (6 credits)

Expand allContract all

Course	Title	Credits
PHAR 300	Drug Action.	3
PHAR 301	Drugs and Disease.	3

Complementary Courses (18 credits)

3 credits selected from the following:

Expand allContract all

Course	Title	Credits
BIOC 212	Molecular Mechanisms of Cell Function.	3
BIOL 200	Molecular Biology.	3
BIOL 201	Cell Biology and Metabolism.	3

3 credits selected from the following:

Expand allContract all

Course	Title	Credits
PHGY 209	Mammalian Physiology 1.	3
PHGY 210	Mammalian Physiology 2.	3

12 credits selected from the following:

Expand allContract all

Course	Title	Credits
PHAR 303	Principles of Toxicology.	3
PHAR 503	Drug Discovery and Development 1. ¹	3
PHAR 504	Drug Discovery and Development 2. ¹	3
PHAR 505	Structural Pharmacology.	3
PHAR 508	Drug Discovery and Development 3.	3
PHAR 510	New Advances in Antimicrobial.	3
PHAR 540	Advances in Industrial Biotechnology .	3
PHAR 562	Neuropharmacology.	3
PHAR 563	Endocrine Pharmacology.	3
PHAR 565	Epigenetic Drugs and Targets.	3
PHAR 599D1	Pharmacology Research Project. ²	3
PHAR 599D2	Pharmacology Research Project. ²	3

- ¹ Students may take either PHAR 503 Drug Discovery and Development 1. or PHAR 505 Structural Pharmacology..
- ² PHAR 599D1 Pharmacology Research Project. and PHAR 599D2 Pharmacology Research Project. are taken together.