



Medical Pharmacology & Toxicology Minor

2025 Degree Requirements

GENERAL REQUIREMENTS

- 18 total units are required. A minimum of 9 of the 18 minor units must be upper-division (300 or 400-level).
- The minor requires at least one course (3) units from the Pharmacology Category and at least one course (3 units) from the Toxicology category. The remaining 12 units can include additional courses from the Pharmacology and Toxicology categories, and courses from the PharmTox Elective category.
- A minimum GPA of 2.0 is required in the minor coursework.
- **At least 6 units must be unique to the minor, and not double-dipped with any other degree requirements.**

PHARMACOLOGY CATEGORY (3 units): Select AT LEAST one of the following:

Course #	Title	Offered	Prerequisites	Units
PCOL 427	Dermatological Pharmacology	Sp	PSIO 201	3
PCOL 429	Neuropsychopharmacology	F	PSIO 201 or 380	3
PCOL 434	Pharmacology of Sex	Sp	CHEM 241A + PSIO 202 or 380	1
PCOL 436	Cardiovascular Pharmacology	F	MCB 181R and CHEM 152	3
PCOL 465	Infectious Disease Pharmacology	F	CHEM 241A + MCB 181R	3
PCOL 467	Pharmacology of Anti-Cancer Drugs	Sp	CHEM 241A + MCB 181R	3

TOXICOLOGY CATEGORY (3 units): Select AT LEAST one of the following:

Course #	Title	Offered	Prerequisites	Units
PCOL 320	Toxicology of the Substances that Surround Us	F/Sp	CHEM 151 AND MCB 181R + 181L	3
PCOL 420	Environmental Toxicology	Sp	CHEM 152 and MCB 181R	3
PCOL 451	Introduction to Forensic Toxicology	Sp	PSIO 202 + CHEM 241A	3

PHARM/TOX ELECTIVES (minimum 12 units): Choose 4 additional courses from the Pharmacology and Toxicology lists above, or choose from the following list:

Course #	Title	Offered	Prerequisites	Units
PCOL 200	Drugs & Humanity	F	None (biology background recommended)	3
PCOL 300	Pharmacology of Cosmetics	Sp	CHEM 152	3
PCOL 305	Scientific Writing for Health Sciences	F/Sp	ENGL 102 AND CHEM 151	3
PCOL 350	ADME: How the Body Changes Drugs	Sp	CHEM 241B AND (PSIO 202 coreq or 380 prereq)	3
PCOL 406	Comprehensive Human Pharmacology	F	CHEM 241A AND (PSIO 202 coreq or 380 prereq)	5
PCOL 445	Over-the-Counter Drug Info	F/Sp	CHEM 152 + PSIO 202 or 380	3
PCOL 473	Pharmacogenomics	Sp	PCOL 406 AND PCOL 350 prereq or coreq	3

Pharmacology Category: _____ 3 units
 Toxicology Category: _____ 3 units
 Elective or extra Pharm/Tox Category Course: _____ 3 units
 Elective or extra Pharm/Tox Category Course: _____ 3 units
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 Elective or extra Pharm/Tox Category Course: _____ 3 units
 _____ 18 units