Pharmacology (PHM-699) — Independent Study
1-3 credits.
Directed study projects for juniors and seniors.
Requisites: Consent of instructor
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2023

Pharmacology (PHM-715) — Grant Writing
1 credit.
Develop a predoctoral fellowship application based on the student’s proposed thesis project. Receive input on ideas and writing, both from the instructor and peers.
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2023

Pharmacology (PHM-739) — Rigor, Reproducibility and Becoming an Effective Researcher
1 credit.
Focuses on two of the cornerstones of science advancement, which are rigor in designing and performing scientific research and the ability to reproduce biomedical research findings. Emphasizes the application of rigor that ensures robust and unbiased experimental design, methodology, analysis, interpretation, and reporting of results. Highlights topics of particular importance to first year graduate students, including the development of effective presentation skills, communication in a professional setting, and a strong mentor-mentee relationship.
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2022
PHMCOL-M 781 — MOLECULAR AND CELLULAR PRINCIPLES IN PHARMACOLOGY
4 credits.

Provides an in-depth introduction to the molecular and cellular principles of pharmacology. Emphasis is on the mechanisms of drug and small molecule action in cells, with a particular focus on downstream signaling pathways, second messenger systems, protein kinase cascades, and the regulation of gene transcription.

Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2023

PHMCOL-M 875 — SPECIAL TOPICS IN PHARMACOLOGY
1-3 credits.

Special topics in pharmacology. Topics may vary.

Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2022

PHMCOL-M 901 — SEMINAR AND JOURNAL CLUB
1-2 credits.

Students and staff present research reports of current interest.

Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2023

PHMCOL-M 990 — RESEARCH
1-12 credits.

Research facilities of the department available to qualified students.

Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Summer 2023