

Honors Pharmacology Requirements (66)

Foundation Courses

- BIOL 107 - Introduction to Cell Biology
- CHEM 101 - Introductory University Chemistry I
- CHEM 102 - Introductory University Chemistry II
- STAT 151 - Introduction to Applied Statistics I

Senior Courses

- BIOCH 200 - Introductory Biochemistry
- BIOCH 320 - Structure and Catalysis
- CHEM 261 - Organic Chemistry I
- CHEM 263 - Organic Chemistry II
- PMCOL 200 - Drugs - An Introduction to Pharmacology
- PMCOL 303 - Introduction to Toxicology
- PMCOL 306 - Drug Disposition and Metabolism
- PMCOL 337 - Experimental Procedures in Pharmacology
- PMCOL 343 - Scientific Basis of Pharmacology: Part I
- PMCOL 344 - Scientific Basis of Pharmacology: Part II
- PMCOL 425 - Problem Solving in Pharmacology and Therapeutics

Notes:

1. Students will not be permitted to take 400-level PMCOL courses unless all prerequisites have been met.
2. At least one of PMCOL 301, PMCOL 302, or comparable research experience, is a prerequisite for the Thesis Stream.
3. Some courses appear in more than one list of courses. Students may not use the same course to satisfy more than one requirement.
4. Students who take PMCOL 497 and PMCOL 499 may not take PMCOL 401 or PMCOL 402.

6 units from:

PHYSL 210 (6) - Human Physiology (takes up both lines)

or

PHYSL 212 - Human Physiology I AND _____

PHYSL 214 - Human Physiology II _____

Choose one Stream (15 units total)

Thesis Stream (See Note 2):

- PMCOL 497 - Honors Research Project in Pharmacology I (6 units) (See Note 3)
- PMCOL 499 - Honors Research Project in Pharmacology II (6 units) (See Note 3)

3 units from:

PMCOL 404 - Core Principles in Pharmacology

PMCOL 406 - Molecular Mechanisms of Drug Action

PMCOL 408 - Clinical Pharmacology

PMCOL 410 - Pharmacogenomics

PMCOL 412 - Drugs and the Nervous System

PMCOL 415 - Cardiovascular Pharmacology

PMCOL 450 - Diabetes and Its Pharmacotherapy

PMCOL 475 - Signal Transduction Systems as Pharmacological Targets _____

- COMM
- COMM
- IND
- BO__
- BO__
- BSBS
- BSFS
- BSSS
- LAB

OR

Non-Thesis Stream:

6 units from:

PMCOL 401 - Pharmacology Tutorial

PMCOL 402 - Pharmacology Tutorial

PMCOL 403 - Advanced Topics in Pharmacology

9 units from:

PMCOL 401 - Pharmacology Tutorial

PMCOL 402 - Pharmacology Tutorial

PMCOL 403 - Advanced Topics in Pharmacology

PMCOL 404 - Core Principles in Pharmacology

PMCOL 406 - Molecular Mechanisms of Drug Action

PMCOL 408 - Clinical Pharmacology

PMCOL 410 - Pharmacogenomics

PMCOL 412 - Drugs and the Nervous System

PMCOL 415 - Cardiovascular Pharmacology

PMCOL 450 - Diabetes and Its Pharmacotherapy

PMCOL 475 - Signal Transduction Systems as Pharmacological Targets

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