

# Pharmacology Major Requirements (51)

## 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 343 - Scientific Basis of Pharmacology: Part I
- PMCOL 344 - Scientific Basis of Pharmacology: Part II

### **6 units from:**

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

or

PHYSL 212 - Human Physiology I AND \_\_\_\_\_

PHYSL 214 - Human Physiology II \_\_\_\_\_

### **6 units from:**

PMCOL 401 - Pharmacology Tutorial (See Note 1)

PMCOL 402 - Pharmacology Tutorial (See Note 1)

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

### **Notes:**

1. Students in the Major in Pharmacology degree program may only complete one of PMCOL 401 or PMCOL 402.
2. Students will not be permitted to take 400-level PMCOL courses unless all prerequisites have been met.

- COMM
- COMM
- IND
- BO\_\_
- BO\_\_
- BSBS
- BSFS
- BSSS
- LAB