# BSc Honors in Pharmacology

| Foundation Courses | Senior Courses (200-level) | Senior Courses (300-Level) |
|---|---|---|
| BIOL 107<br>CHEM 101<br>CHEM 102<br>STAT 151 | PMCOL 200<br>BIOCH 200<br>PHYSL 210A OR PHYSL 212<br>PHYSL 210B OR PHYSL 214<br>CHEM 261<br>CHEM 263 | BIOCHEM 320<br>PMCOL 303<br>PMCOL 306<br>PMCOL 337<br>PMCOL 343<br>PMCOL 344<br>***At least one of PMCOL 301, 302, or comparable research experience, is a prerequisite for the Honors Thesis Stream.*** |
| **400-Level - Honors Thesis Stream** | **400-Level - Honors Non-Thesis Stream** | **Other Course Requirements** |
| PMCOL 497 (*6)<br>PMCOL 499 (*6)<br>PMCOL 425<br>*3 from PMCOL 406, 408, 410, 412, 415, 450, 475 | PMCOL 425<br>*6 from PMCOL 401, 402, 403<br>*9 from PMCOL 401, 402, 403, 406, 408, 410, 412, 415, 450, 475 | See Common Course Requirements for BSc Major and Honors Degrees document<br>There is a junior (100-level) course limit of *42<br>*120 total required for graduation - *42 beyond the mandatory courses listed in this table |
| Students who take PMCOL 497 and PMCOL 499 may not take PMCOL 401 or PMCOL 402. | Some courses appear in more than one list of courses. Students may not use the same course to satisfy more than one requirement. | |

**GPA: Minimum 3.0 required to remain in good standing**

# BSc Major in Pharmacology

| Foundation Courses | Senior Courses (200-level) | Senior Courses (300-Level) | Senior Courses (400-Level) |
|---|---|---|---|
| BIOL 107<br>CHEM 101<br>CHEM 102<br>STAT 151 | PMCOL 200<br>BIOCH 200<br>PHYSL 210A OR PHYSL 212<br>PHYSL 210B OR PHYSL 214<br>CHEM 261<br>CHEM 263 | BIOCHEM 320<br>PMCOL 303<br>PMCOL 306<br>PMCOL 343<br>PMCOL 344 | *6 from PMCOL 401, 402, 403, 406, 408, 410, 412, 415, 450, 475 |
| **Other Course Requirements** | | | |
| See Common Course Requirements for BSc Major and Honors Degrees document<br><br>There is a junior (100-level) course limit of *42<br>GPA: Minimum 2.3 required to remain in good standing | | | |

# Minor in Pharmacology

| Foundation Courses | 200-Level | 300/400-Level |
|---|---|---|
| BIOL 107<br>CHEM 101 | PMCOL 200<br>CHEM 261<br><br>BIOCH 200<br><br>PHYSL 210A OR PHYSL 212<br>PHYSL 210B OR PHYSL 214 | PMCOL 343<br>PMCOL 344<br><br>*6 from any 300- and 400-level PMCOL course (except PMCOL 301/302/401/402/403) |

# Pharmacology Undergraduate Courses

**PMCOL 200**
*DRUGS – An introduction to pharmacology*

**PMCOL 301/302**
*Introduction to Research in Pharmacology*
**PMCOL 303**
*Introduction to Toxicology*
**PMCOL 305**
*An Introduction to the Pharmacology of Drug Abuse*
**PMCOL 306**
*Drug Disposition and Metabolism*
**PMCOL 337**
*Experimental Procedures in Pharmacology*
**PMCOL 343/344**
*Scientific Basis of Pharmacology*
**PMCOL 371**
*Cellular Neuroscience*

**PMCOL 401/402/403**
*Pharmacology Research*
**PMCOL 406 (currently not offered)**
*Molecular Pharmacology*
**PMCOL 408**
*Clinical Pharmacology*
**PMCOL 410 (currently not offered)**
*Pharmacogenomics*
**PMCOL 412**
*Drugs and the Nervous System*
**PMCOL 415**
*Cardiovascular Pharmacology*
**PMCOL 425**
*Problem Solving in Pharmacology and Therapeutics*
**PMCOL 450**
*Introduction to the Pharmacology of Diabetes*
**PMCOL 475**
*Signal Transduction Systems as Pharmacological Targets*
**PMCOL 497/499**
*Pharmacology Honor Thesis*

**Courses shown in red involve independent research projects conducted in a professor's laboratory**