



- 18 units are required. A minimum of 9 of the 18 minor units must be upper-division (300 or 400-level).
- A minimum GPA of 2.0 is required in the minor coursework.
- A maximum of 6 units of research credit (including PCOL X99, x99H, x92, 498H) may be applied toward minor requirements.
- At least 6 units must be unique to the minor, and not double-dipped with any other degree requirements.

Available minor courses include:

| Course # | Title | Offered | Prerequisites | Units | Taken? |
|--------------------------------------|--|--------------------|--|-------------------|--------|
| CHEM 241B/ 242B/246B | Organic Chemistry Lecture II | F/Sp/Su | CHEM 241A/242A/246A | 3 | |
| PSIO 202 OR PSIO 380 | Anatomy & Physiology II/ Fundamentals of A&P | 202-F/Sp 380-Sp | PSIO 201 (for 202) or none (for 380) | 4 | |
| PCOL 196D | Joy of Drugs: Intro to PharmSci | F | None | 1 | |
| PCOL 200 | Drugs & Humanity | F | None | 3 | |
| PCOL 300 | Pharmacology of Cosmetics | Sp | CHEM 152/142 | 3 | |
| PCOL 305 | Scientific Writing for Health Sciences | F/Sp | ENGL 102 AND CHEM 151/141 | 3 | |
| PCOL 310 | Drug Approval: The 3 Billion Dollar Bet | F | ENGL 102 | 2 | |
| PCOL 320 | Toxicology of the Substances that Surround Us | F | CHEM 151/141+142 AND MCB 181R+181L | 3 | |
| PCOL 325 | Controversies in Healthcare | Varies | None | 3 | |
| PCOL 350 | ADME: How the Body Changes Drugs | Sp | CHEM 241B+243B AND (PSIO 202 corequisite or 380 prerequisite) | 3 | |
| PCOL 355 | Drug Delivery Systems | F | CHEM 241B+243B | 3 | |
| PCOL 390 | Biomarkers: Analysis of Drug Effect/Toxicity | F | PCOL 406 AND PSIO 202 or 380 AND CHEM 241A | 3 | |
| PCOL 395B | The History of Pharmacy | F/Sp | None | 1 | |
| PCOL 395C | Professional Pharmacy Pathways | Sp | None | 1 | |
| PCOL 395R | Research Pathways in PharmSci | F | None | 1 | |
| PCOL 396 | Special Topics in Pharmacy | Varies | None | 1-3 | |
| PCOL 405 | Pharmaceutical Techniques | F | CHEM 241B AND BIOC 384 or 385 AND MIC 205A | 3 | |
| PCOL 406 | Comprehensive Human Pharmacology | F | CHEM 241A AND (PSIO 202 corequisite or 380 prerequisite) | 5 | |
| PCOL 410 | Medicinal Chemistry | Sp | CHEM 241B+243B | 5 | |
| PCOL 418 | Med Chem of Natural Products | Sp | CHEM 241B + MCB 181R + PSIO 202 or 380 | 3 | |
| PCOL 434 | Pharmacology of Sex | Sp | CHEM 241A + PSIO 202 or 380 | 3 | |
| PCOL 440 | Rigor & Reproducibility | Sp | MCB 181R+L | 2 | |
| PCOL 445 | Over-the-Counter Drug Info | F | CHEM 241B + PSIO 202 or 380 | | |
| PCOL 465 | Infectious Disease Pharma | F | CHEM 241A + MCB 181R | 3 | |
| PCOL 467 | Pharma of Anti-Cancer Drugs | Sp | CHEM 241A + MCB 181R | 3 | |
| PCOL 473 | Pharmacogenomics | Sp | PCOL 406 AND PCOL 350 prerequisite or corequisite | 3 | |
| PCOL 488 | Drug Hunting for Beginners | Sp | PCOL 410 | 3 | |
| PCOL X99, X99H, X92, 498H | Independent Study, Directed Research, Honors Thesis | F/Sp/Su | None | Max 6 in minor | |
| Total units completed | | | | | |
| Total upper-division units completed | | | | | |