

**DEGREE PLAN LEADING TO THE
ENTRY-LEVEL DOCTOR OF PHARMACY DEGREE
BY LEVEL AND SEQUENCE**

Freshman

First Semester

BIOL 121 (Biological Science I Laboratory), 2 cr
BIOL 131 (Biological Science I, Lecture), 3 cr
CHEM 111 (General Chemistry I Laboratory), 1 cr
CHEM 131 (General Chemistry I, Lecture), 3 cr
CS 116 (Computer Science), 3 cr
ENG 131 (Freshman English I), 3 cr
HIST 231 (Social and Political History of U.S. I), 3 cr
MATH 133 (College Algebra), 3 cr
PHAR 111 (Pharmacy Orientation), 1 cr

Second Semester

BIOL 122 (Biological Science II Laboratory), 2 cr
BIOL 132 (Biological Science II, Lecture), 3 cr
CHEM 112 (General Chemistry II Laboratory), 1 cr
CHEM 132 (General Chemistry II, Lecture), 3 cr
ENG 132 (Freshman English II), 3 cr
HIST 232 (Social and Political History of U.S. II), 3 cr
MATH 136 (Precalculus), 3 cr
PHAR 112 (Pharmacy Orientation), 1 cr

Sophomore

First Semester

BIOL 344 (Vertebrate Anatomy and Histology), 4 cr
CHEM 211 (Organic Chemistry I Laboratory), 1 cr
CHEM 231 (Organic Chemistry I, Lecture), 3 cr
ENG 200 Level (English Literature), 3 cr
PHYS 244 (Physics for Pharmacy Students), 4 cr
PHAR 211 (Pharmacy Applications), 1 cr
POLS 231 (American Political Systems I), 3 cr

Second Semester

CHEM 212 (Organic Chemistry II Laboratory), 1 cr
CHEM 232 (Organic Chemistry II, Lecture), 3 cr
PHAR 212 (Medical Terminology), 1 cr
Social and Behavioral Sciences (PSY 131, ECON 231, SOC 157, 158, 221, 238), 3 cr
SC 233 (Speech Communications), 3 cr
POLS 232 (American Political Systems II), 3 cr
Visual and Performing Arts (THC 130, 231; MUSI 131, 239; ART 131, 132), 3 cr

First Professional Year

First Semester

PHCH 431 (Pharmaceutical Chemistry I), 3 cr
PHCH 411 (Pharmaceutical Chemistry I Laboratory), 1 cr
PAS 435 (Pathophysiology I), 3 cr
PAS 415 (Pathophysiology I Laboratory), 1 cr
PHAR 420 (Computer Applications in Pharmacy), 2 cr
PHAR 433 (Pharmaceutics I), 3 cr
PHAR 413 (Pharmaceutics I Laboratory), 1 cr
PHAR 437 (Introduction to Pharmacy and Health Care Systems), 3 cr

Second Semester

BIOL 347 (Microbiology), 4 cr
PHCH 432 (Pharmaceutical Chemistry II), 3 cr
PHCH 412 (Pharmaceutical Chemistry II Laboratory), 1 cr
PAS 436 (Pathophysiology II), 3 cr
PHAR 410 (Basic Principles of Pharmacotherapy), 1 cr
PHAR 434 (Pharmaceutics II), 3 cr
PHAR 414 (Pharmaceutics II Laboratory), 1 cr
PHAR 430 (Biostatistics in Pharmacy), 2 cr

Second Professional Year**First Semester**

PHCH 531 (Pharmaceutical Chemistry III), 3 cr
PHAR 533 (Pharmaceutics III), 3 cr
PHAR 513 (Pharmaceutics III Laboratory), 1 cr
PAS 537 (Pharmacology Toxicology I), 3 cr
PAS 517 (Pharmacology Toxicology I Laboratory), 1 cr
PAS 535 (Pathophysiology III), 2 cr
PHAR 515 (Pharmacy Seminar), 1 cr
PHAR 521 (Non-Prescription Products) 2 cr

Second Semester

PHCH 532 (Pharmaceutical Chemistry IV), 3 cr
PAS 547 (Pharmacology Toxicology II), 4 cr
PHAR 534 (Pharmaceutics IV), 3 cr
PHAR 514 (Pharmaceutics IV Laboratory), 1 cr
PHAR 536 (Patient Assessment and Physical Diagnosis), 3 cr
PAS 539 (Chemotherapeutics) 3 cr
PADM 530 (Ethics in Pharmacy Practice), 3 cr

Third Professional Year**First Semester**

PHAR 634 (Pharmaceutics V), 3 cr
PHAR 614 (Pharmaceutics V Laboratory), 1 cr
PHAR 630 (Pharmacotherapeutics I), 3 cr
PHAR 631 (Drug Information, Literature Evaluation, and Research Methods), 3 cr
*PHAR 632 (Professional Communications/Counseling), 3 cr
PADM 638 (Pharmacy Management), 3 cr

Second Semester

PHAR 636 (Pharmaceutics VI), 3 cr
PHAR 514 (Pharmaceutics VI Laboratory), 1 cr
*PHAR 635 (Prescription Practice), 3 cr
*PHAR 625 (Prescription Practice Laboratory), 1 cr
PHAR 633 (Pharmacotherapeutics II), 3 cr
PADM 634 (Jurisprudence), 3 cr
PADM 637 (Strategic Management in Health Care), 3 cr

Summer Term

Experiential Pharmaceutical Care Practices as Approved, 8 cr

Fourth Professional Year**First Semester**

Experiential Pharmaceutical Care Practices as Approved, 12 cr

Second Semester

Experiential Pharmaceutical Care Practices as Approved, 12 cr

* The order in which these third professional year courses are taken may be reversed if so desired.