Track - Practice

B.S. in Pharmaceutical Sciences

Description
This degree program is designed to prepare a student for entry into the Pharm.D. professional program.

Minimum Total Credit Hours: 126

Goals/Mission Statement
On the baccalaureate level, the school shall foster an environment where students can learn and apply the principles and theories related to the pharmaceutical sciences and acquire the knowledge, skills, and attitudes in their chosen discipline such that each can enter and succeed in a professional career in the pharmaceutical sciences, or continue studies in areas including, but not limited to, the Doctor of Pharmacy program or graduate studies in the pharmaceutical sciences.

General Education Requirements
The general education/core requirements for the B.S.P.S. degree include Writ 100 or 101, Writ 102/Liba 102; Bisc 160, 161, 162, 163, 310, 336; Chem 105, 115, 106, 116, 221, 222, 225, 226; Econ 202; Math 115, 261; Phad 395 (Phil 328); Phcg 321; Phcl 343 (Chem 471 and 473), 344 (Bisc 330); Phys 213, 223; Spch 105; 18 hours of electives that must include 6 hours of behavioral/social sciences; 12 hours of humanities and fine arts, with at least 3 hours from each area. Courses listed in parentheses are an acceptable alternative to the immediately preceding courses.

Course Requirements
The first professional year (P1) requirements include Phcy 400 (Becoming a Pharmacist); 401 and 402 (Foundations in BMS); 411 and 412 (Physiology/Pathology); 421 and 422 (Pharmaceutics & Calculations); 431 and 432 (Social & Administrative Pharmacy); 441 and 442 (Pharmacists Patient Care Process); 451 (Pharmacogenomics); 452 (Pharmacoimmunology); 460 (Personal and Professional Development); and 461 (IPE Collaboration); Phcy 470 (Community IPPE I); and Phcy 471 (Institutional IPPE I).

Other Academic Requirements
Progression and retention criteria for early entry students and regular entry students, as well as financial obligations, liability/malpractice insurance, immunizations and assessment requirements, are detailed in the School of Pharmacy Handbook/Catalog.

Track - Practice

Description
Completion of the B.S.P.S. practice track (P4 year) is prerequisite for admission into the Pharm.D. program.

Goals/Mission Statement
The practice track curriculum is designed to provide sufficient background in the various pharmaceutical science disciplines to prepare the student for entry into advanced professional course work leading to the entry-level practice degree, Pharm.D.

Course Requirements
The practice track curriculum for those wishing to pursue the Doctor of Pharmacy degree must be satisfied by completing two two-week, full-time rotations, Prct 475 and Prct 476, prior to the P4 year. These experiences will normally occur at a traditional community and traditional institutional practice site, although one rotation can occur at a nontraditional site. However, both rotations cannot occur in either traditional community, traditional institutional, or nontraditional sites. Completion of these experiences can occur either during a winter intersession (with official enrollment during the spring semester) or during the summer (with official enrollment in the second summer term). Each of these courses is one credit hour.

The traditional didactic course requirements include Phcl 443 and 444 (Basic and Clinical Pharmacology); Medc 416 and 417 (Introduction to Principles of Medicinal Chemistry); Phgc 421 (Pathogenesis and Etiology of Infectious Diseases); Phgc 422 (Natural Product-derived Pharmaceuticals); Phad 493 (Management); Phad 490 (Professional Communications in Pharmacy); Phad 491 (Pharmacy Law); Phar 434 (Biopharmaceutics/Pharmacokinetics); Prct 450, 451 and 452 (Pharmacy Practice).

Other Academic Requirements
Refer to academic requirements under the B.S.P.S. degree program.