

B.S. in Pharmaceutical Sciences

[Overview](#)[Degree Requirements](#)

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 Engl 101 and Engl 102/Liba 102; Bisc 160, 161, 162, 163, 330 (Phcl 344), 336, 414 (Phcl 346) 440, 520 (Phcg 321); Chem 105, 115, 106, 116, 221, 225, 222, 226, 471 (Phcl 343); Phys 213, 223, 214, 224; Math 115, 261; Spch 102 or 105; Econ 202; Phil 328 (Phad 395), 6 hours of behavioral/social sciences; 9 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 (PY1) requirements include Phcl 341 and 342 (Pathophysiology), Phar 330 (Pharmaceutical Calculations), Phar 331 and 332 (Basic Pharmaceutics); Phad 391 and 392 (Health Care Systems); Prct 350 (Drug Information); Medc 317 (Pharmacogenetics and Pharmacoinmunology); Phad 390 (Professional Communications), Phar 334 (Pharmacokinetics), Prct 353, 354 (Practice Skills Development), Prct 375, 376 (Introductory Pharmacy Practice Experiences) and 3 professional electives.

Specializations

- [Track - Practice](#)

