

Pharmaceutical Sciences (MSPS)

The College of Pharmacy offers graduate study leading to the Master of Science in Pharmaceutical Sciences. This degree is a STEM Designated Degree Programs, as identified by the Department of Homeland Security for purposes of the 24-month STEM optional practical training extension. Areas of master's specialization are: health outcomes and pharmacotherapy and translational sciences. Students pursuing either the Master of Science who hold a PharmD degree from a pharmacy program accredited by the Accreditation Council for Pharmacy Education have opportunities for advanced practice training. They may complete a specialty practice residency while pursuing the graduate degree. More information is available from the graduate advisor.

Graduate Handbook

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and [online](#). Please contact the program with concerns or questions.

Admission

The applicant should have a bachelor's degree in pharmaceutical sciences, biology, chemistry, or a related field, or a professional pharmacy degree from an accredited institution in the United States or another country. Students are admitted to the program upon recommendation of the Graduate Studies Committee, provided that their undergraduate training includes appropriate work in fields related to the pharmaceutical and health sciences. Applicants without the appropriate background may be required to complete additional coursework after admission. For some areas of study, preference is given to students who have a Doctor of Pharmacy degree from a college accredited by the Accreditation Council for Pharmacy Education. Preference is also given to applicants for the doctoral degree.

Total Hours Required: 30

Requirements

Please note: between 30 and 42 hours of coursework is required to complete the program. PGS X96S Seminar in Pharmacy is required of all graduate students in pharmacy and is taught every fall and spring in each division. Students in the pharmacotherapy and translational sciences area may substitute PGS 195H Advanced Pharmacotherapy Research Conference or other seminar courses that have been reviewed and approved by the GSC. This requirement may be waived for a specific semester by the Graduate Studies Committee for sufficient reason upon petition by the student's major professor. No more than two semester hours of credit earned in this course are counted toward the number of hours required in master's degree programs.

The Master of Science in Pharmaceutical Sciences is offered by the Health Outcomes and Pharmacotherapy and Translational Sciences divisions.

Code	Title	Hours
Major		
Required Courses		30
Graduate Pharmacy Requirements		
Graduate University Requirements		
Total Hours		30

Typically, students complete their coursework, thesis proposal defense, and research and writing the thesis paper in three years.

An overall grade point average of 3.00 must be maintained for program continuation and completion. While there is no prescribed sequence of courses for the program, students and their graduate advisors must develop an individualized education plan that accounts for the varied semester course offerings and prerequisites and that can be completed in two to three years.