

# Departments

## Department of Pharmaceutical Sciences

The Department of Pharmaceutical Sciences (PSCI) includes several specialty areas that provide the student with a foundation of knowledge upon which the therapeutics of pharmacy practice will be understood. The specialty areas are taught throughout the curriculum in unique classes as well as in the integrated sequence courses that are threaded through the didactic portion of the curriculum. The specialty areas taught by the PSCI faculty include physiology, pathophysiology, pharmaceutics/pharmacokinetics, medicinal chemistry, and pharmacology/toxicology. "The mission of the Department of Pharmaceutical Sciences is to empower students with the scientific foundation essential to the professional pharmacy curriculum. The department endeavors to contribute significantly to Midwestern University by excelling in scientific research and service both within and outside of the College."

## Department of Pharmacy Practice

The Department of Pharmacy Practice (PPRA) comprises faculty who provide education in the social, administrative and clinical aspects of pharmacy practice, including patient care experiences. Required courses in the social and administrative science area include an introduction to career development and current pharmacy topics, a survey of the healthcare system, professional practice management, and pharmacy law and ethics. Required courses in the clinical science area include drug literature evaluation and the pharmacotherapeutics of prescription and non-prescription medications. A clinical skills development sequence integrates the knowledge and skills from other courses including communications, prescription processing, and pharmaceutical care. Supervised practice experiences required during the program provide opportunities for students to apply knowledge acquired in didactic courses to life situations. The experiences are designed to promote the development of technical, cognitive, and decision-making skills that are necessary for the contemporary practice of pharmacy in a variety of practice environments. Various states apply these experiences to their state board of pharmacy internship requirements.