**Pharmacy Practice (PMPR)**

**PMPR 430. Critical Care I. 2 hours.**
Advanced pharmacotherapeutics course that will concentrate on the medical management and the pharmacotherapist's role in the management of the critically ill patient. This course will also incorporate and apply pharmacokinetic principles. Course Information: Prerequisite(s): HAR 401 and PHAR 402 and PHAR 403 and PHAR 404 and PHAR 405 and PHAR 406; and PHAR 407 and PHAR 408; and completion of the second year of the program Beginning Spring 2019: Concurrent enrollment in PHAR 510.

**PMPR 440. Applied Pharmacokinetics. 2 hours.**
An elective course demonstrating practical application of pharmacokinetic principles. Course Information: Previously listed as PMPR 340. Scientific calculator required. Prerequisite(s): PHAR 401, PHAR 402, PHAR 403, PHAR 404, PHAR 405, and PHAR 406 or consent of the instructor.

**PMPR 442. Introduction to Specialty Pharmacy. 2 hours.**
Specialty pharmacy practice model and how it impacts access and management of drugs used to treat complex and chronic disease. Course Information: Prerequisite(s): P2 or P3 standing. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

**PMPR 443. Advanced Specialty Pharmacy: Administration and Operations Management. 2 hours.**
Advanced topics in specialty pharmacy operations management and will build off of the information learned from PMPR 442. Course Information: PMPR 442 and PHAR 565.

**PMPR 445. Interprofessional Approaches to Health Disparities (IAHD) I. 2 hours.**
Designed to build upon the concepts of health disparities, social determinants of health, public health, Interprofessional education, quality improvement and community-based participatory research across the PharmD curriculum. Course Information: Prerequisite(s): Successful completion of PharmD Curriculum through P2 year. Completion of competitive application packet for the course.

**PMPR 446. Interprofessional Approaches to Health Disparities (IAHD) II. 2 hours.**
Equips learners with essential skills to improve health care for underserved populations and transform health disparities through interprofessional education, research and collaborative practice. Prerequisite(s): PMPR 445.

**PMPR 450. Medical writing. 1 hour.**
Students will access weekly online modules that will cover the fundamentals of writing, editing, and publishing scientific medical information. Prerequisite(s): PHAR 440.

**PMPR 485. Concentration Research. 2 hours.**
Investigation, under the direction of one or more faculty members, of a problem of limited scope. May require literature research related to the research project. Course Information: May be repeated to a maximum of 4 hours.

**PMPR 486. Concentration Seminar. 1 hour.**
Offered in conjunction with the PMPR 485 as a means for students to present and receive feedback on their concentration research projects. Course Information: Prerequisite(s): PMPR 485.

**PMPR 487. Clinical Research Design. 2 hours.**
Designed to familiarize students with essential research skills, including the process of analyzing research, presenting a journal club, writing a letter of intent, and developing a research protocol.

**PMPR 488. Pharmacy Practice Leadership. 2 hours.**
Provides basic concepts in pharmacy practice leadership and serve as a foundation for students interested in a career path in pharmacy management/leadership.

**PMPR 536. Concepts in Drug Development: From Bench to Bedside. 3 hours.**
Designed to give students/clinicians an overview of the drug development process from bench to bedside. Emphasis will be placed on the regulatory aspects of drug development including clinical trials, FDA process and post marketing surveillance. Prerequisite(s): Consent of the instructor.