

EXTERNAL DOCTOR OF PHARMACY PROGRAM

(The pharmacy curriculum is subject to change without notice. All courses are restricted to students in the Nontraditional Doctor of Pharmacy Program)

FALL SEMESTER

PRDO 5010 [Immunology](#)

[3.0 cr.](#)

Faculty.

Course includes basic concepts of immunology, immunopathology, immunopharmacology and immunotherapy. This course is recommended prior to ADMS III (Peds/ID) and ADMS IV (Oncol/Rheum DO, PRDO 5340), but is not a prerequisite.

PRDO 5320 [ADSM II](#)

[4.0 cr.](#)

Faculty. Prerequisite: PRDO 5700.

Advanced Disease State Management Gastrointestinal Disorders, Nutrition & Critical Care – course combines pathophysiology, advanced pharmacotherapeutics management, patient assessment, and professional skills development for patients with common gastrointestinal and nutritional disorders, and for critical care.

PRDO 5330 [ADSM III](#)

[4.0 cr.](#)

Faculty. Prerequisite: PRDO 5700.

Advanced Disease State Management Infectious Diseases & Pediatrics – course combines pathophysiology, advanced pharmacotherapeutics management, patient assessment, and professional skills development for infectious diseases and pediatrics disorders.

PRDO 5350 [ADSM V](#)

[4.0 cr.](#)

Psychiatry, Neurology, and Geriatrics Faculty. Prerequisite: PRDO 5700.

Advanced Disease State Management: Psychiatry, Neurology & Geriatrics – course combines pathophysiology, advanced pharmacotherapeutics management, patient assessment, and professional skills development for neurologic, psychiatric, and geriatric disorders.

PRDO 5360 [ADSM VI](#)

[4.0 cr.](#)

Prerequisite: PRDO 5700

Advanced Disease State Management: Endocrine, Hematology & Pulmonary Disorders – course combines pathophysiology, advanced pharmacotherapeutics management, patient assessment, and professional skills development for patients with endocrinology, hematology, and pulmonary disorders.

PRDO 5700

[2.0 cr.](#)

Clinical Skills Foundation- combines three components that provide foundation for ADMS courses: (1) orientation to patient assessment and skills development; (2) pharmacokinetics and pharmacodynamics; (3) advanced disease state management for fluids, electrolytes, and acid-base disorders. Prerequisite for ADMS courses.

SPRING SEMESTER

PRDO 5240

[3.0 cr.](#)

D. Casdorph. Prerequisites: PRDO 5460 & PRDO 5560.

Evidence Based Pharmacy Practice – course introduces the pharmacist to the concepts and analytical foundation underlying evidence-based pharmacy practice. Includes fundamentals of research design, biostatistics, data analysis, and pharmacoeconomics.

PRDO 5310 [ADSM I](#)

[3.5 cr.](#)

Faculty. Prerequisite: PRDO 5700.

Advanced Disease State Management: Cardiovascular & Renal Disorders – course combines pathophysiology, advanced pharmacotherapeutics management, patient assessment, and professional skills development for patients with common cardiovascular and renal disorders.

PRDO 5340 [ADSM IV](#)

[4.0 cr.](#)

Faculty. Prerequisites: PRDO 5700; PRDO 5010 recommended.

Advanced Disease State Management: Oncology and Rheumatology Disorders – course combines pathophysiology, advanced pharmacotherapeutics management, patient assessment for patients with oncology and rheumatology disorders.

PRDO 5350 [ADSM V](#)

[4.0 cr.](#)

Psychiatry, Neurology, and Geriatrics Faculty. Prerequisite: PRDO 5700.

Advanced Disease State Management: Psychiatry, Neurology & Geriatrics – course combines pathophysiology, advanced pharmacotherapeutics management, patient assessment, and professional skills development for neurologic, psychiatric, and geriatric disorders.

PRDO 5360 [ADSM VI](#)

[4.0 cr.](#)

Faculty. Prerequisite: PRDO 5700.

Advanced Disease State Management: Endocrine, Hematology & Pulmonary Disorders – course combines pathophysiology, advanced pharmacotherapeutics management, patient assessment, and professional skills development for patients with endocrinology, hematology, and pulmonary disorders.

PRDO 5700

[2.0 cr.](#)

Clinical Skills Foundation- combines three components that provide foundation for ADSM courses: (1) orientation to patient assessment and skills development; (2) pharmacokinetics and pharmacodynamics; (3) advanced disease state management for fluids, electrolytes, and acid-base disorders. Prerequisite for ADSM courses.

SUMMER SEMESTER

PRDO 5320 [ADSM II](#)

[4.0 cr.](#)

Faculty. Prerequisite: PRDO 5700.

Advanced Disease State Management Gastrointestinal Disorders, Nutrition & Critical Care – course combines pathophysiology, advanced pharmacotherapeutics management, patient assessment, and professional skills development for patients with common gastrointestinal and nutritional disorders, and for critical care.

PRDO 5340 [ADSM IV](#)

[4.0 cr.](#)

Faculty. Prerequisites: PRDO 5700; PRDO 5010 recommended.

Advanced Disease State Management: Oncology and Rheumatology Disorders – course combines pathophysiology, advanced pharmacotherapeutics management, patient assessment for patients with oncology and rheumatology disorders.

PRDO 5460

[1.5 cr.](#)

Faculty. Prerequisites: PRDO 5240 & PRDO 5700

Advanced Drug Literature Evaluation & Clinical Applications – course will strengthen the skills necessary to allow practicing pharmacists to provide accurate, unbiased, and relevant drug information.

PRDO 5560 [Instructional Methods with Seminars in Pharmaceutical Care](#)

[2.0 cr.](#)

Faculty. Prerequisites: PRDO 5240, PRDO 5460 and 2 ADSM Courses.

Instructional Methods with Seminars in Pharmaceutical Care – provides the pharmacist with basic skills in lecture development and presentation. Presentations include development of powerpoint slides, one short presentation, and a videotaped presentation.