

## 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 7010 [Immunology](#)**

**[3.0 cr.](#)**

Faculty.

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

#### **PRDO 7320 [ADSM II](#)**

**[4.0 cr.](#)**

Faculty. Prerequisite: PRDO 7700.

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 7330 [ADSM III](#)**

**[4.0 cr.](#)**

Faculty. Prerequisite: PRDO 7700. Recommended: PRDO 7010

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 7350 [ADSM V](#)**

**[4.0 cr.](#)**

Psychiatry, Neurology, and Geriatrics Faculty. Prerequisite: PRDO 7700.

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 7360 [ADSM VI](#)**

**[4.0 cr.](#)**

Faculty. Prerequisite: PRDO 7700

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 7700**

**[2.0 cr.](#)**

Faculty.

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.

### SPRING SEMESTER

#### **PRDO 7240**

**[3.0 cr.](#)**

D. Casdorff.

Course introduces the pharmacist to the concepts and analytical foundation underlying evidence-based pharmacy practice. Includes fundamentals of research design, biostatistics, data analysis, and pharmacoconomics.

#### **PRDO 7310 [ADSM I](#)**

**[3.5 cr.](#)**

Faculty. Prerequisite: PRDO 7700.

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 7340 [ADSM IV](#)**

**[4.0 cr.](#)**

Faculty. Prerequisites: PRDO 7700; PRDO 7010 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 7350 [ADSM V](#)**

**[4.0 cr.](#)**

Psychiatry, Neurology, and Geriatrics Faculty. Prerequisite: PRDO 7700.

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 7360 ADSM VI**

**4.0 cr.**

Faculty. Prerequisite: PRDO 7700.

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 7700**

**2.0 cr.**

Faculty.

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.

<b>SUMMER SEMESTER</b>
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**PHSC 3030 Introduction to Pharmaceutical Sciences**

**6.0 cr.**

B. Brunson and T. Anchordoquy, Ph.D. Prerequisites - Instructor approval.

Comprehensive course that consists of Biochemistry, Physiology, Pharmaceutics, and preceptor experience. Course is designed to integrate learning skills, problem solving and critical thinking skills with course content and offer students a preview into the diverse options available in pharmacy practice.

**PRDO 7320 ADSM II**

**4.0 cr.**

Faculty. Prerequisite: PRDO 7700.

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 7340 ADSM IV**

**4.0 cr.**

Faculty. Prerequisites: PRDO 7700; PRDO 7010 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 7460**

**1.5 cr.**

Faculty. Prerequisites: PRDO 7240 & PRDO 7700

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 7560 Instructional Methods with Seminars in Pharmaceutical Care**

**2.0 cr.**

Faculty. Prerequisites: PRDO 7240, PRDO 7460 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.