



# HIGH POINT UNIVERSITY

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## R<sub>x</sub> Fred Wilson School of Pharmacy

## High Point University School of Pharmacy

### Course Descriptions

#### **P3 Fall Courses**

#### **PBS 8000, Integrated Pharmaceutical Sciences III** (4 credits, graded A, B, C, F)

The course will provide the physiological basis, medicinal chemistry and pharmacology of drugs used in the treatment of diseases that are covered from a therapeutic perspective in Pharmacotherapy III. Topics will include pathophysiology, etiology and risk factors, drug targets, mechanisms of action, medication and side effects of the major drug classes used in treating the respective disorders and disease states. General areas to be covered include psychiatric and neurological disorders.

#### **PCS 8000, Clinical Skills Lab V** (1 credit, graded A, B, C, F)

This lab will utilize standardized clients, case vignettes, and hands-on activities to engage students in the management of patients with disease states covered in Pharmacotherapy III. Standardized client interactions simulating different healthcare venues (e.g., inpatient hospital, ambulatory clinic, emergency room, community pharmacy, etc.) and case vignettes will be used to enable students to master key patient care skills, which may include physical assessment, patient interviews, review of medical records, performance of tests when needed, interpretation of laboratory results, preparing consult notes, filling patient prescriptions, and counseling patients as needed.

#### **PCS 8010, Interprofessional Education I** (1 credit, graded A, B, C, F)

Students will collaborate with students from other health profession schools to identify optimum ways to work in a collaborative manner.

#### **PCS 8020, Pharmacotherapy III** (4 credits, graded A, B, C, F)

Students will learn the therapeutic management of several disease states including neurologic disorders, psychiatric disorders, disorders of the bones and joints, immunologic disorders, and dermatologic disorders. Material learned in this course will be complemented by practice in Clinical Skills Lab IV and interleaved with content covered in the Integrated Pharmaceutical Sciences III course. In this course, lecture, case studies, team-based learning, and cross-teaching by basic sciences faculty will be used to develop clinical decision-making strategies that students will use in their practical experiences.

#### **PEL 8000, Certificate Course** (required) (2 credits, graded A, B, C, F)

Students select from a menu of targeted disease certificate offerings (e.g., asthma, diabetes, heart failure, etc.). Through review of expert practice guidelines,

performance of skills laboratories, and work-up for several patients, students will learn the process required to become clinically expert in a selected disease state. This course will include a research project proposal.

**PEL 8010, Electives (0-6) (credit varies)**

Students select from a menu of elective courses designed to give the student exposure to areas outside of the core curriculum or advanced coverage of topics covered within core courses. Elective courses may be taken outside of the FWSOP.

**PCS 8040, Pharmacy Management (3 credits, graded A, B, C, F)**

The fundamental business knowledge needed to manage the financial and human resources of a pharmacy will be reviewed through a series of lectures and projects.

**PEX 8030, Longitudinal Patient Experience IV (0.5 credits, graded Pass/Fail)**

Continued from part III, students will continue with assigned patients who they will intermittently follow during their first 3 years of school. Selected activities and reflection pieces will be developed to encourage a complete perspective of patient diseases, drug and non-drug needs, and improve their personal communication skills. Also, students will seek out perspectives of other patient caregivers and healthcare providers

**P3 Spring Courses**

**PCS 8300, Population Health and Pharmacoepidemiology (3 credits, graded A, B, C, F)**

An introductory course designed to familiarize the student with epidemiologic terminology, to examine epidemiologic literature and effectively interpret and critique articles

**PCS 8310, Pharmacy Law & Ethics (3 credits, graded A, B, C, F)**

The pharmacy law material needed to practice and pass licensure exams in North Carolina will be reviewed along with ethical case vignettes.

**PCS 8320, Interprofessional Education II (1 credit, graded A, B, C, F)**

Students will collaborate with students from other health profession schools to identify optimum ways to work in a collaborative manner.

**PEL 8300, Electives (0-6) (credit varies)**

Students select from a menu of elective courses designed to give the student exposure to areas outside of the core curriculum or advanced coverage of topics covered within core courses. Elective courses may be taken outside of the FWSOP.

**PEX 8300, APPE Preparation Recitation (1 credit, graded A, B, C, F)**

This course reviews important material and skills needed to function well in the advanced experiential rotations in the P4 year. It will include a comprehensive test of vital material that students must know to enter into advanced practice rotations.

**PCS 8340, Pharmacotherapy IV** (4 credits, graded A, B, C, F)

Students will learn the therapeutic management of several disease states including hematologic and oncologic disorders as well as the principles of critical care and toxicology. The latter portion of this course will also serve as a capstone to cover comprehensive cases involving material in all pharmacotherapy courses throughout the curriculum. Material learned in this course will be complemented by practice in Clinical Skills Lab V. In this course, lecture, case studies, team-based learning, and cross-teaching by basic sciences faculty will be used to develop clinical decision-making strategies that students will use in their practical experiences.

**PCS 8350, Clinical Skills Lab VI** (1 credit, graded A, B, C, F)

This lab will utilize standardized clients, case vignettes, and hands-on activities to engage students in the management of patients with disease states covered in Pharmacotherapy IV. Standardized client interactions simulating different healthcare venues (e.g., inpatient hospital, ambulatory clinic, emergency room, community pharmacy, etc.) and case vignettes will be used to enable students to master key patient care skills, such as physical assessment, patient interviews, review of medical records, performance of tests when needed, interpretation of laboratory results, preparing consult notes, filling patient prescriptions, and counseling patients as needed.

**PEX 8330, Longitudinal Patient Care V** (1 credit, graded Pass/Fail), Prerequisite: Longitudinal Patient Care IV

Continued from part IV, students will continue with assigned patients who they will intermittently follow during their first three years of school. Selected activities and reflection pieces will be developed to encourage a complete perspective of patient diseases, drug and non-drug needs, and improve their personal communication skills. Also, students will seek out perspectives of other patient caregivers and healthcare providers