

PHARMACY - PHRX (PHRX)

PHRX 3000. Cellular Biology. (2 Credits)

Introduction to basic principles in cell biology, intracellular signaling, gene expression and biotechnology in the pharmaceutical sciences.

Enrollment Requirements: Open only to students in the School of Pharmacy. Must have satisfied the pre-pharmacy prerequisites. May not be taken out of sequence after passing PHRX 3001.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203000>)

PHRX 3001. Immunology. (2 Credits)

Principles of immunology underlying disease processes.

Enrollment Requirements: PHRX 3000; open only to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203001>)

PHRX 3002. Foundations in Bioorganic Chemistry. (3 Credits)

Fundamental knowledge of medicinal and natural products chemistry, metabolic biotransformation, and drug design.

Enrollment Requirements: Open to students in the School of Pharmacy who have satisfied the pre-pharmacy prerequisites.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203002>)

PHRX 3003. Nutrition. (2 Credits)

Principles of enteral and parenteral nutrition related to prescription and non-prescription medication effects. Classification of nutrition status, and nutrition assessment. Identification of drug-nutrient deficiencies/interactions and preparation of disease-specific nutritional care plans. Evaluation, resources, and classification of complementary and alternative medicine (CAM).

Enrollment Requirements: PHRX 3000, 3002; open only to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203003>)

PHRX 3006. Drug Information I. (1 Credit)

A blended course designed to introduce students to drug information resources that are common in pharmacy practice and the process of answering drug information questions by using these resources to retrieve accurate information. There is a mixture of scheduled face-to-face class meetings and class activities via HuskyCT (presentations, readings, quizzes, assignments, discussions and other activities).

Enrollment Requirements: Must have satisfied the pre pharmacy prerequisites; open to students in the first professional year of the PharmD curriculum. May not be taken out of sequence after passing PHRX 3007, 3052 or 4001.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203006>)

PHRX 3007. Drug Information II. (2 Credits)

Development of skills to identify and use information from primary literature in clinical or research practice and to assess research methodology, biostatistics, epidemiology in drug information literature.

Enrollment Requirements: PHRX 3006; open only to student in the School of Pharmacy. May not be taken out of sequence after passing PHRX 4001 or 4053.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203007>)

PHRX 3008. Pharmacy Communications. (3 Credits)

Basic principles of interpersonal communication, including effective questioning, empathic listening, reflective responding, and adherence techniques. Development of skills to achieve effective communication with patients and with other health care professionals. Students will have the opportunity to practice their patient counseling and interprofessional communication skills in a simulated environment.

Enrollment Requirements: Open to students in the School of Pharmacy who have satisfied the pre-pharmacy prerequisites.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203008>)

PHRX 3009. Principles of Drug Action. (3 Credits)

Fundamental mechanisms of drug actions and effects with emphasis on interactions with cellular macromolecules and resulting downstream signaling events. Autonomic drugs and nomenclature.

Enrollment Requirements: Open only to students in the School of Pharmacy. Must have satisfied the pre-pharmacy prerequisites. May not be taken out of sequence after passing PHRX 3040.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203009>)

PHRX 3012. Pharmacy Research Seminar. (1 Credit)

(Also offered as PHAR 3012.) A seminar series providing an overview of current research areas and contemporary issues in pharmacy practice and the pharmaceutical sciences.

Enrollment Requirements: Open only to students in the pharmacy program.

May be repeated for credit

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203012>)

PHRX 3030. Pharmacokinetics/Biopharmaceutics. (3 Credits)

Principles of pharmacokinetics and biopharmaceutics in the design of both dosage forms and dosing regimens.

Enrollment Requirements: Open to students in the School of Pharmacy who have satisfied the pre-pharmacy prerequisites.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203030>)

PHRX 3031. Foundations in Pharmaceutics I. (4 Credits)

Principles underlying the formulation, dissolution, stability and release of drug products for optimum delivery. Dosage forms discussed include colloids, suspensions, emulsions, suppositories, aerosols, ointments and transdermals.

Enrollment Requirements: PHRX 3030; open only to students in the School of Pharmacy. May not be taken out of sequence after passing PHRX 4030.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203031>)

PHRX 3032. Non-Sterile Pharmaceutical Compounding. (1 Credit)

Preparation of non-sterile dosage forms, with attention to solutions, solids and dispersed systems.

Enrollment Requirements: PHRX 3030; open only to students in the School of Pharmacy. May not be taken out of sequence after passing PHRX 4030.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203032>)

PHRX 3040. Neurology Module. (4 Credits)

Principles of pathophysiology, pharmacology, medicinal chemistry, clinical pharmacokinetics and pharmacotherapy (including both prescription and non-prescription medications) as they apply to neurologic drug therapy management.

Enrollment Requirements: PHRX 3000, 3002, and 3009; open only to students in the School of Pharmacy. May not be taken out of sequence after passing PHRX 4040.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203040>)

PHRX 3050. Public Health and Healthcare Policy. (3 Credits)

A study of health care policy, health care systems management, health status of the U.S. population; organization, resources and financing of the U.S. health care system; and the behavioral aspects of patients pertaining to the provision of pharmaceutical care.

Enrollment Requirements: Open to students in the School of Pharmacy who have satisfied the pre-pharmacy prerequisites.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203050>)

PHRX 3053. Evidence-Based Pharmacy. (2 Credits)

Designed to facilitate student's understanding of the need for and value of evidence-based practice, to describe steps and processes involved in conducting a systemic review and meta-analysis and to teach students how to critically assess the validity of systemic reviews and meta-analyses and their roles in shaping clinical practice.

Enrollment Requirements: Open only to students in the pharmacy program.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203053>)

PHRX 3054. Drugs and Society. (2 Credits)

Examination of the broad impact of drugs on society including health, athletic competition, lifestyle and appearance, literature, movies, reproduction and sexual behavior, drug abuse and advertising.

Enrollment Requirements: Open only to students in the pharmacy program.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203054>)

PHRX 3057. Discovering the Leader Within. (1 Credit)

Students will read a popular leadership book and participate in activities focused on its content. Discussion posts, study guides and participation in in-class discussions. Applications to fundamental principles to pharmacy practice. Culminates with a discussion with the author or other leadership expert. This course can be repeated for credit because each year will focus on a new book.

Enrollment Requirements: Open only to students in the pharmacy program.

May be repeated for credit

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203057>)

PHRX 3058. Future Pharmacy Leaders. (1 Credit)

A broad overview of leadership development, appreciation of personal strengths, and professional development. Run in collaboration with the University's Office of Leadership Programs, with the school's Phi Lambda Sigma members serving as mentors.

Enrollment Requirements: Open to first year Pharmacy students.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203058>)

PHRX 3060. Pharmacy Skills Development I. (2 Credits)

Introduction to the pharmacists' patient care process and interprofessional practice competencies. Students will develop patient care skills including but not limited to immunization administration and education, vaccine scheduling and CPR training. These activities will be applied in IPPE (Introductory Pharmacy Practice Experiences) at selected community pharmacy practice sites.

Enrollment Requirements: Must have satisfied the pre-pharmacy prerequisites; open to juniors or higher in the School of Pharmacy program.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203060>)

PHRX 3061. Pharmaceutical Industry Fundamentals for Pharmacists. (1 Credit)

This course is designed to familiarize students with the fundamental concepts related to careers in the pharmaceutical industry.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203061>)

PHRX 3065. Pharmacy Skills Development II. (2 Credits)

Reinforces the use of the pharmacists' patient care process and interprofessional practice competencies. Students will develop patient care skills including management of selfcare with over the counter (OTC) products, taking medication histories, use of OTC testing devices, assessing patient medication regimens, interprofessional communication skills, and taking blood pressure measurements. These activities will be applied in IPPE (Introductory Pharmacy Practice Experiences) at selected community pharmacy practice sites.

Enrollment Requirements: PHRX 3020 or 3060; open to juniors or higher in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203065>)

PHRX 3095. Special Topics. (1-6 Credits)

Enrollment Requirements: Open only to students in the pharmacy program.

May be repeated for credit

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203095>)

PHRX 3097W. Honors Thesis in Pharmacy. (3 Credits)

(Also offered as PHAR 3097W.)

Enrollment Requirements: ENGL 1007 or 1010 or 1011 or 2011; open only to honors students within the School of Pharmacy with consent of the instructor and Associate Dean.

Grading Basis: Honors Credit

Skill Codes: COMP. Writing Competency

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203097W>)

PHRX 3099. Undergraduate Research. (1-6 Credits)

(Also offered as PHAR 3099.) Designed primarily for qualified students who wish to extend their knowledge in the various fields represented in the School of Pharmacy. A divisional and pharmacy cumulative grade point average of 2.8 or above is normally required for enrollment. A written summary of work performed is required at the end of each semester.

Enrollment Requirements: Open only to students in the pharmacy program.

May be repeated for credit

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%203099>)

PHRX 4000. Pharmacoeconomics. (1 Credit)

Application of pharmacoeconomic principles to formulary management, health-related quality of life, cost-benefit analysis, and pharmacoeconomic literature analysis.

Enrollment Requirements: ECON 1201; PHRX 4050; open only to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204000>)

PHRX 4001W. Current Topics in Pharmacy. (3 Credits)

Presentation of a specific sub area of pharmacy with focus on biological, chemical, clinical/therapeutic, sociological or legal/ethical aspects of drugs, dosage forms or health care systems to improve the student's writing, presentation, and discussion skills.

Enrollment Requirements: PHRX 3006, 3007 and 3008; ENGL 1007 or 1010 or 1011 or 2011; open only to students in the School of Pharmacy.

Skill Codes: COMP. Writing Competency

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204001W>)

PHRX 4030. Foundations in Pharmaceutics II. (3 Credits)

Principles and factors affecting performance of dosage forms classified as dispersed systems: suspensions, emulsions, suppositories, aerosols, ointments and transdermals.

Enrollment Requirements: PHRX 3031 and 3032; open only to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204030>)

PHRX 4031. Sterile Pharmaceutical Compounding. (1 Credit)

Dosage forms preparation and basic techniques for compounding sterile dosage forms.

Enrollment Requirements: PHRX 3031 and 3032; open only to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204031>)

PHRX 4040. Psychiatry Module. (5 Credits)

Principles of pathophysiology, pharmacology, medicinal chemistry, clinical pharmacokinetics and pharmacotherapy (including both prescription and non-prescription medications) as they apply to psychiatric drug therapy management.

Enrollment Requirements: PHRX 3040; open only to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204040>)

PHRX 4041. Immunology Module. (2 Credits)

Principles of pathophysiology, pharmacology, medicinal chemistry, clinical pharmacokinetics and pharmacotherapy (including both prescription and non-prescription medications) as they apply to immunologic drug therapy management.

Enrollment Requirements: PHRX 3001 and PHRX 3040; open only to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204041>)

PHRX 4042. Gastroenterology Module. (2 Credits)

Principles of pathophysiology, pharmacology, medicinal chemistry, clinical pharmacokinetics and pharmacotherapy (including both prescription and non-prescription medications) as they apply to gastroenterological drug therapy management.

Enrollment Requirements: PHRX 4040 and 4041; open only to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204042>)

PHRX 4043. Endocrine Module. (3 Credits)

Principles of pathophysiology, pharmacology, medicinal chemistry, clinical pharmacokinetics and pharmacotherapy (including both prescription and non-prescription medications) as they apply to endocrinologic drug therapy management.

Enrollment Requirements: PHRX 4040 and 4041; open only School of Pharmacy students. May not be taken out of sequence after passing PHRX 5052.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204043>)

PHRX 4044. Dermatology Module. (1 Credit)

Principles of pathophysiology, pharmacology, medicinal chemistry, clinical pharmacokinetics, and pharmacotherapy (including both prescription and non-prescription medications) as they apply to dermatologic drug therapy management.

Enrollment Requirements: PHRX 4041; open only to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204044>)

PHRX 4050. Pharmacy Practice Management. (2 Credits)

This course is designed to provide students with 1) and understanding of the core management principles used across pharmacy settings; 2) exposure to practical experiences on practice-specific management topics; 3) application of pharmacy practice management principles to "real-world" management challenges.

Enrollment Requirements: PHRX 3008 and 3050; open only to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204050>)

PHRX 4052. Advanced Compounding. (2 Credits)

Advanced techniques and knowledge in prescription compounding will be applied to the preparation of extemporaneously prepared dosage forms that meet the needs of individual patients.

Enrollment Requirements: PHRX 4031; open only to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204052>)

PHRX 4054. Urban Service Track. (1 Credit)

An interprofessional program designed to develop future health professionals dedicated to caring for urban underserved populations and working in interprofessional teams. Open to UConn Urban Health Scholars only.

Enrollment Requirements: Open only to UConn Urban Health Scholars. May be repeated for credit

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204054>)

PHRX 4055. Advanced Clinical Concepts in Pain Management. (2 Credits)

Emphasis is placed on evaluation of the pain patient, the pharmacology of analgesics, adjuvant agents and interventional techniques for the treatment of pain such as patient controlled analgesia, nerve blocks, intrathecal pumps, and alternative therapies (relaxation, Reike therapy, hypnosis, acupuncture). The role of the pharmacist in acute and chronic pain management, palliative care and special populations (pediatrics, geriatrics) will be addressed. Regulatory issues and "hot topics" such as addiction issues in pain management, health disparities in pain care, and pain contracts will also be discussed.

Enrollment Requirements: PHRX 3040; open only to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204055>)

PHRX 4057. Developing Pharmacy Leaders. (2 Credits)

Provides training and experience in leadership skills to include identifying personal strengths, envisioning change, team building and advocacy in the field of pharmacy.

Enrollment Requirements: Open only to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204057>)

PHRX 4059. Follow the Money: Impact of Payment Reform and Health Policy on Pharmacy Practice. (2 Credits)

Introductory course on the impact of health care delivery and payment reform on new practice opportunities for pharmacists. Topics include patient-centered medical homes, accountable care organizations, community health teams, population health, medication therapy management, value-based insurance design, and new reimbursement models to support pharmacists in direct patient care roles. A holistic view of these topics is examined from the consumer/patient, health care professional, payor, and health-system perspectives.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204059>)

PHRX 4060. Leadership in Pharmacy. (2 Credits)

Second in a two-semester sequence for students in the LEADERS Track. Provides an introduction to effective leadership through an exploration of leadership styles and concepts and their application to various opportunities and challenges in pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204060>)

PHRX 4061. Organizational Dynamics for Corporate and Non Profit Leaders. (2 Credits)

Introduces pharmacy students to regional C-Suite healthcare executives. Showcases best-practice organizational and leadership dynamics found in corporate and boardroom settings, including meeting with healthcare executives to learn about their careers. Discussions with C-Suite executives will illuminate behaviors, traits and skills needed to lead an organization. Roles and responsibilities of board of directors, organizational staff, and senior leadership will be explored. Through a simulated non-profit organization, students will apply corporate governance policies and parliamentary procedures to prepare them for leading meetings and organizations upon graduation.

Enrollment Requirements: Open only to students in the pharmacy program.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204061>)

PHRX 4062. Healthcare Ethics and History. (2 Credits)

Introduction to healthcare ethics, engages students with an interest in treating patients in case-study practice scenarios allowing them to develop a working knowledge of ethical principles and render patient care decisions based upon ethical reasoning. Introduces ethical concepts and professional codes of ethics, and discusses the application of these concepts to contemporary examples of health care scenarios. Introduces the history of American healthcare, exploring the period from our nation's founding to the present. Introduces the theories of health and disease that have changed over time as has the role of healthcare professionals and the pharmaceutical industry.

Enrollment Requirements: Open to students in the School of Pharmacy. Recommended preparation: PHRX 3050.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204062>)

PHRX 4063. Pharmacy Skills Development III. (3 Credits)

Reinforces the use of the pharmacists' patient care process and interprofessional practice competencies. Introduction to continuing professional development and interviewing skills. Students will develop patient care skills including, assessment of patient medication regimens, perform medication reconciliation, and accurate computation of pharmaceutical calculations essential to safe pharmacy practice. These activities will be applied in IPPE (Introductory Pharmacy Practice Experiences) at selected institutional pharmacy practice sites. Completion of community IPPE hours contributes toward one credit in this course.

Enrollment Requirements: PHRX 3021 or 3065; open to seniors in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204063>)

PHRX 4065. Pharmacy Skills Development IV. (2 Credits)

Reinforces the use of the pharmacists' patient care process and interprofessional practice competencies. Reinforcing and applying skills learned in previous courses. Develops patient care skills including assessment of patient medication regimens of increasing complexity and diabetes device education for patients. Students will prepare to engage with pharmacy medication distribution processes, pharmacy informatics processes, patient safety, and professional networking. These activities will be applied in IPPE (Introductory Pharmacy Practice Experiences) at selected institutional pharmacy practice sites.

Enrollment Requirements: PHRX 4020 or 4063; open to seniors in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%204065>)

PHRX 5040. Cardiovascular Module. (4 Credits)

Principles of pathophysiology, pharmacology, medicinal chemistry, clinical pharmacokinetics and pharmacotherapy (including both prescription and non-prescription medications) as they apply to cardiovascular drug therapy management.

Enrollment Requirements: PHRX 4042 and 4043; open only to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205040>)

PHRX 5043. Infectious Disease Module. (4 Credits)

Principles of pathophysiology, pharmacology, medicinal chemistry, clinical pharmacokinetics and pharmacotherapy (including both prescription and non-prescription medications) as they apply to infectious disease drug therapy management.

Enrollment Requirements: PHRX 5040, 5063 (or PHRX 5041 and 5042); Open only to students in the School of Pharmacy PharmD program. View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205043>)

PHRX 5044. Hematology/Oncology Module. (3 Credits)

Principles of pathophysiology, pharmacology, medicinal chemistry, clinical pharmacokinetics and pharmacotherapy (including both prescription and non-prescription medications) as they apply to hematologic/oncologic disorders drug therapy management.

Enrollment Requirements: PHRX 5040, 5063 (or PHRX 5041 and 5042); Open only to students in the School of Pharmacy PharmD program. View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205044>)

PHRX 5045. Special Populations. (4 Credits)

Development of knowledge and skills necessary to make appropriate, patient-population specific, pharmacotherapeutic contributions to patient care.

Enrollment Requirements: PHRX 3030, 3040, 4040, 4041, 4042, 4043, 4044, 5040, 5063 (or 5041 and 5042); Open only to students in the School of Pharmacy PharmD program. View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205045>)

PHRX 5046. Clinical Toxicology. (2 Credits)

Introduction to acute toxicity in humans to common drugs, chemicals and household products. Physical and laboratory assessment of common poisonings including the development of clinical management plans for common poisonings and the prevention of poisoning.

Enrollment Requirements: PHRX 3040, 4040, 4041, 4042, 4043, 4044. View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205046>)

PHRX 5048. Patient Assessment. (2 Credits)

Teaches and reinforces patient assessment skills essential in the provision of pharmaceutical care to patients. This includes application of medical literature as it applies to patient care.

Enrollment Requirements: PHRX 3003, 3006, 3007, 3040, 4040, 4041, 4042, 4043, 4044 and 4050; open only to students in the School of Pharmacy. View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205048>)

PHRX 5050. Pediatric Pharmacotherapy. (2 Credits)

Extended therapeutic knowledge of common pediatric disease states and an understanding of some of the specific pharmacologic concerns in the pediatric population.

Enrollment Requirements: B.S. in Pharmacy Studies. View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205050>)

PHRX 5051. Careers in Pharmacy. (1 Credit)

Survey of career options available to Pharm.D. graduates and the broad role of pharmacy graduates in healthcare. Exploration and self-examination of critical professional and personal factors that will contribute to greater career satisfaction.

Enrollment Requirements: B.S. in Pharmacy Studies. View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205051>)

PHRX 5052. Pharmacotherapy of Diabetes Mellitus. (2 Credits)

To enhance students' perception of diabetes mellitus as a multi-organ disease and to provide the necessary skills to recognize challenges to management, analyze laboratory data, and apply evidence-based medicine to real-world practicalities when developing a therapeutic plan.

Enrollment Requirements: PHRX 4043; open only to Pharmacy students. View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205052>)

PHRX 5060. Pharmacy Skills Development V. (3 Credits)

Reinforces the use of the pharmacists' patient care process and interprofessional practice competencies. Develops patient care skills including medication reconciliation, use of point of care testing devices, smoking cessation, CPR recertification, and pain management. These activities will be applied in IPPE (Introductory Pharmacy Practice Experiences) at selected service learning clinics and Advanced Pharmacy Practice Experience (APPE) practice sites. This is a Service Learning course designed to challenge students to gain a greater appreciation for the profession of pharmacy as it relates to their communities and societal needs. Students will have the opportunity to work in an interprofessional environment with other health profession students and providers to assist the student in developing professional attitudes, judgment, and skills needed to function as a team. Completion of institutional IPPE hours contributes toward one credit in this course.

Enrollment Requirements: PHRX 4065 or 4021; open to students in the Doctor of Pharmacy program. View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205060>)

PHRX 5062. Pharmacy Law and Regulatory Affairs. (3 Credits)

An examination of federal and Connecticut statutes, regulations, policies, executive orders, and court decisions (with comparative law analysis of certain other States' specific pharmacy laws, and discussion of federal and international treaties) that regulate the practice of pharmacy, including the mitigation of prescription drug abuse and diversion.

Enrollment Requirements: PHRX 4051 or PHRX 4062; open to students in the Doctor of Pharmacy program. View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205062>)

PHRX 5063. Respiratory/Renal Module. (4 Credits)

Principles of pathophysiology, pharmacology, medicinal chemistry, clinical pharmacokinetics and pharmacotherapy (including both prescription and non-prescription medications) as they apply to respiratory and renal disorders drug therapy management.

Enrollment Requirements: PHRX 4042 and PHRX 4043; open only to students in the School of Pharmacy. Not open for credit to students who have passed PHRX 5041 or 5042. View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205063>)

PHRX 5065. Pharmacy Skills Development VI. (2 Credits)

Student's readiness for embarking on Advanced Pharmacy Practice Experiences and for working collaboratively on health care teams will be assessed. Service Learning in this course is designed to challenge students to gain a greater appreciation for the profession of pharmacy in relation to societal needs and the community. Students will work in an interprofessional environment with other health professional students and providers to develop professional attitudes, judgment, and skills needed to function as a team. Completion of simulation and service learning IPPE hours contributes toward one credit in this course.

Enrollment Requirements: PHRX 5060 or 5020 and 5047; open only to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205065>)

PHRX 5070. Continuous Registration. (0 Credits)

Allows continuous registration in the professional pharmacy program while enrolled in the dual degree programs of PharmD/MBA and PharmD/MPH.

Enrollment Requirements: B.S. in Pharmacy Studies.

May be repeated for credit

Grading Basis: Registered

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205070>)

PHRX 5100. Professional Experience in Community Pharmacy. (4 Credits)

The student will apply knowledge, skills and attitudes in the provision of patient care in a community pharmacy. Gain the knowledge, skills, and attitudes necessary to efficiently fill prescriptions while focusing on patient safety, inter-professional communication and patient satisfaction. Required.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205100>)

PHRX 5101. Professional Experience in Health System Pharmacy. (4 Credits)

The student will apply knowledge, skills and attitudes in the provision of pharmacy services in a health system pharmacy. Gain hands-on experience with operational and clinical duties of a staff pharmacist. Departmental workflow and interprofessional collaboration will be practiced. Required.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205101>)

PHRX 5102. Professional Experience in Ambulatory Care. (4 Credits)

The student will apply knowledge, skills and attitudes in the provision of patient care in the ambulatory setting. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient/caregiver education. Required.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205102>)

PHRX 5103. Professional Experience in General Medicine. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care to general medicine inpatients. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient/caregiver education. Required.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205103>)

PHRX 5104. Professional Experience in Cardiology. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care to patients with cardiac diseases. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient/caregiver education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205104>)

PHRX 5105. Professional Experience in Infectious Disease. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care to patients with infectious diseases. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient/caregiver education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205105>)

PHRX 5106. Professional Experience in Oncology. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care to patients with cancer. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient/caregiver education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205106>)

PHRX 5107. Professional Experience in Psychiatry. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care to patients with psychiatric diseases. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient/caregiver education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205107>)

PHRX 5108. Professional Experience in Pediatrics. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care to pediatric patients. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and may include patient/caregiver education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205108>)

PHRX 5109. Professional Experience in Geriatrics. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care to geriatric patients. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient/caregiver education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205109>)

PHRX 5110. Professional Experience in Community Pharmacy II. (4 Credits)

Students apply knowledge, skills and attitudes in a unique community pharmacy setting. Examples of this type of practice include, but are not limited to, compounding and specialty pharmacy. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205110>)

PHRX 5111. Professional Experience in Critical Care. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care to critically ill patients. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration and may include patient/caregiver education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205111>)

PHRX 5114. Professional Experience in Emergency Medicine. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care to emergency medicine patients. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient/caregiver education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205114>)

PHRX 5115. Professional Experience in Home Health Care. (4 Credits)

The student will apply knowledge of pharmacy practice and skills in patient interaction to the provision of pharmaceutical care to patients in their homes. Emphasis is on optimization of medication-related outcomes in patients with common medical disorders served by home health care pharmacists, including medication assessment, efficacy and safety monitoring, and patient education.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205115>)

PHRX 5116. Professional Experience in Health System Pharmacy II. (4 Credits)

Applying knowledge, skills and attitudes in a focused area of pharmacy services in a health system pharmacy. Emphasis is on problem-solving and project work within specialized operations in a health systems pharmacy. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205116>)

PHRX 5117. Professional Experience in Industry. (4 Credits)

The student will apply knowledge, skills and attitudes to the roles of pharmacists in the pharmaceutical industry. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205117>)

PHRX 5118. Professional Experience in Managed Care. (4 Credits)

The student will apply knowledge, skills and attitudes to the practice of managed care pharmacy. Emphasis is on the development of strategies that optimize pharmacotherapy within the economic constraints of a managed care system. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205118>)

PHRX 5119. Professional Experience in Nuclear Pharmacy. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of patient care in a nuclear pharmacy. Emphasis is on hands-on instruction in radiation safety, radioisotope prescription processing, compounding, dispensing and providing pharmacist cognitive services. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205119>)

PHRX 5122. Professional Experience in Long-term Care. (4 Credits)

Applying knowledge, skills and attitudes to the provision of patient care in a long-term care pharmacy setting. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and professional education as it relates to medication distribution in long-term care. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205122>)

PHRX 5123. Professional Experience in Surgery. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care to surgical patients. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient/caregiver education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205123>)

PHRX 5124. Professional Experience In General Medicine II. (4 Credits)

The student will apply knowledge, skills and attitudes in the provision of patient care in a unique general medicine inpatient setting. Emphasis is on continued development of optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient/caregiver education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205124>)

PHRX 5125. Professional Experience in Ambulatory Care II. (4 Credits)

The student will apply knowledge, skills and attitudes in the provision of patient care in a unique ambulatory setting. Emphasis is on continued development of optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205125>)

PHRX 5126. Professional Experience in Anticoagulation Service. (4 Credits)

Applying knowledge, skills and attitudes to the provision of care to patients with thrombotic disorders. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205126>)

PHRX 5128. Professional Experience in Hospice Care. (4 Credits)

The student will apply knowledge, skills and attitudes in the provision of care to patients in the final stage of terminal illness. Emphasis is on optimizing medication-related outcome in hospice patients through medication therapy management, interprofessional collaboration, and patient/caregiver education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205128>)

PHRX 5133. Professional Experience in Clinical Toxicology. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of services to patients and caregivers requesting assistance in addressing both acute and chronic toxicity situations in various settings. Students will also participate in didactic sessions designed to increase their knowledge of toxicology. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205133>)

PHRX 5135. Professional Experience in Investigational Drug Service. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of service in investigational drugs. Emphasis is on the process of randomization, patient selection and documentation of study procedures. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205135>)

PHRX 5136. Professional Experience in Drug Information. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of drug information services in a variety of settings. Students will learn to follow site policies and procedures with respect to providing information subsequent to inquiries. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205136>)

PHRX 5137. Professional Experience in Pediatrics II. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care to pediatric patients in a unique setting. Emphasis is on continued development of optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and may include patient/caregiver education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205137>)

PHRX 5138. Professional Experience in Industry II. (4 Credits)

The student will apply knowledge, skills and attitudes to the roles of pharmacists in the pharmaceutical industry. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205138>)

PHRX 5139. Professional Experience in a Professional Organization. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of service to a professional organization. Emphasis is on the provision of advocacy, communication and support for organization members. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205139>)

PHRX 5140. Professional Experience at Food and Drug Administration (FDA). (4 Credits)

The student will apply knowledge, skills and attitudes in a variety of settings within the Food and Drug Administration while learning about the regulatory process. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205140>)

PHRX 5141. Professional Experience in Oncology II. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care to patients with cancer in a unique setting or patient population. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient/caregiver education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205141>)

PHRX 5143. Professional Experience in Psychiatry II. (4 Credits)

The student will apply knowledge, skills and attitudes in the provision of patient care in a unique psychiatric setting. Emphasis is on continued development of optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient/caregiver education. Direct patient contact.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205143>)

PHRX 5146. Professional Experience in Managed Care II. (4 Credits)

The student will apply knowledge, skills and attitudes to the practice of managed care pharmacy. Emphasis is on the development of strategies that optimize pharmacotherapy within the economic constraints of a managed care system. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205146>)

PHRX 5147. Professional Experience in International Pharmacy. (4 Credits)

The student will experience pharmacy practice and healthcare systems in the host country. Experiences may include, but are not limited to, community-based clinics, inpatient settings and/or industry. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205147>)

PHRX 5149. Professional Experience in Critical Care II. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care in a unique critical care setting. Emphasis is on development of optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and may include patient/caregiver education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205149>)

PHRX 5150. Professional Experience in Pain Management. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care to patients with acute and/or chronic pain. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient/caregiver education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205150>)

PHRX 5152. Professional Experience in Patient Safety. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of patient safety initiatives. Nondirect patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205152>)

PHRX 5153. Professional Experience in Academia. (4 Credits)

The student will apply knowledge, skills and attitudes to the development of skills in teaching. Students will have exposure to the development of learning modules, lecture and small group discussions. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205153>)

PHRX 5154. Professional Experience in Organ Transplant. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care to patients with organ transplants. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient/caregiver education. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205154>)

PHRX 5155. Professional Experience in International Pharmacy II. (4 Credits)

The student will experience pharmacy practice and healthcare systems in the host country and compare them to those in the U.S. Experiences may include, but are not limited to, community-based clinics, inpatient settings and/or industry. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205155>)

PHRX 5157. Professional Experience in Clinical-based Community Practice. (4 Credits)

The student will apply knowledge, skills and attitudes in the provision of patient care in a unique clinically-oriented community pharmacy setting. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205157>)

PHRX 5161. Professional Experience in Pharmacy Informatics. (4 Credits)

Students apply knowledge, skills and attitudes to the integration of information systems into health care settings. Exposure to a variety of component parts of medication distribution automation, electronic documentation as well as data gathering and reporting tools embedded in pharmacy practice. Students experience data management issues embedded in contemporary pharmacy practice. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205161>)

PHRX 5164. Professional Experience in Infectious Disease II. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care to unique patients with infectious diseases. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management, interprofessional collaboration, and patient/caregiver education. Direct patient contact.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205164>)

PHRX 5165. Professional Experience in Management. (4 Credits)

The student will apply knowledge, skills and attitudes to the development of management skills in a health care setting. Exposure to leadership, business operations, policies and procedures and regulations. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205165>)

PHRX 5166. Professional Experience in Research I. (4 Credits)

The student will apply knowledge, skills and attitudes in a research setting. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205166>)

PHRX 5167. Professional Experience in Urban Service. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of care for urban, underserved patients. UST Pharmacy Scholars focus on teaching both patients and other health profession students regarding their role on the health care team. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205167>)

PHRX 5169. Professional Experience in Leadership. (4 Credits)

The student will improve leadership skills through an understanding of leadership theory and interactions with leaders in various settings. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205169>)

PHRX 5170. Professional Experience in Medical Writing. (4 Credits)

Practical experience producing medical writing tailored to a variety of healthcare settings, audiences and payers. Students market this writing, and may publish at least one credited piece. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205170>)

PHRX 5171. Professional Experience in Antimicrobial Stewardship. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of antimicrobial stewardship activities. Emphasis is on optimizing medication-related outcomes in patients through medication therapy management and interprofessional collaboration. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205171>)

PHRX 5172. Professional Experience in Health System-based Clinical Practice. (4 Credits)

The student will apply knowledge, skills and attitudes to the provision of clinical pharmacy services to patients in an inpatient or outpatient health system setting. Direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205172>)

PHRX 5173. Professional Experience Academic Leadership. (4 Credits)

The student will experience academia and leadership opportunities. Experiences will provide opportunities to improve leadership, teaching, mentoring, and communication skills. Non-direct patient care.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205173>)

PHRX 5175. Professional Experience in Population Health. (4 Credits)

The goal of this APPE is to expose the student to patient care in the population health setting. Through their participation, students will gain the knowledge, skills, and attitudes necessary to provide patient care to patients with similar characteristics. Students will gain experience in understanding interventions based on population health initiatives.

Enrollment Requirements: Open only to students in the School of Pharmacy.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205175>)

PHRX 5195. Special Topics in Clinical Rotations. (4 Credits)

The student will apply knowledge, skills and attitudes in a unique professional experience arranged in consultation with the Office of Experiential Education.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

May be repeated for a total of 12 credits

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205195>)

PHRX 5199. Professional Experience in Research II. (4 Credits)

The student will apply knowledge, skills and attitudes in a unique research setting.

Enrollment Requirements: PHRX 5047 or PHRX 5065; open to students in the School of Pharmacy.

May be repeated for credit

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205199>)

PHRX 5260. P4 Professional Development I. (0 Credits)

Provides students with access to school provided review materials to support preparations for licensure exams (NAPLEX and MPJE). Students will demonstrate review completion for various topics and board exam readiness. Students taking this course will be assigned a final grade of S (satisfactory) or U (unsatisfactory).

Enrollment Requirements: Open to pharmacy students who have completed the P3 curriculum and are in their P4 year.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205260>)

PHRX 5265. P4 Professional Development II. (0 Credits)

Provides students with access to school provided review materials to support preparations for licensure exams (NAPLEX and MPJE). Students will demonstrate review completion for various topics and board exam readiness. Students taking this course will be assigned a final grade of S (satisfactory) or U (unsatisfactory).

Enrollment Requirements: Open to pharmacy students who have completed the P3 curriculum and are in their P4 year.

View Classes (<https://catalog.uconn.edu/course-search/?details&code=PHRX%205265>)