

Fall 2020 Course Descriptions as of 04/05/2020 08:13 PM

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Pharmacy Practice (PHPR)

PHPR 195A: Perspectives on Health Care: Current Issues and Trends (1 unit)

Description: The course will address themes, trends, and issues that contribute to the quality, access, delivery and outcome of pharmaceutical and health care. Attention will be given to addressing the roles of pharmaceutical economics, science, and technology, public health and health professional education and practice in the definition of pharmaceutical and health care; issues such as the influence of demographics, gender, age, diversity, behavior, education, politics and socioeconomic conditions on the health of Americans will be explored.

Grading basis: Regular Grades

Career: Undergraduate

Course Components: Colloquium Required

Course typically offered:

Main Campus: Fall

Freshman Colloquia: Freshman Colloquia

PHPR 299: Independent Study (1 - 6 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 12 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

PHPR 399: Independent Study (1 - 5 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PHPR 499: Independent Study (1 - 4 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work.

Grading basis: Alternative Grading: S, P, F

Career: Undergraduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 2 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

PHPR 599: Independent Study (1 - 6 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work.

Grading basis: Regular Grades

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 12 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

PHPR 699: Independent Study (1 - 6 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work.

Grading basis: Alternative Grading: S, P, F

Career: Graduate

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 12 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

PHPR 801B: IPPE-Community/Institutional Pharmacy Practice Experience II (2 units)

Description: This course introduces students to pharmacy practice by providing "hand on" experience in a community or institutional pharmacy practice setting.

Grading basis: Alternative Grading: S, P, F

Career: Pharmacy

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring

Phoenix Campus: Fall, Spring

Enrollment requirement: PHPR 801E.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PHPR 801C: IPPE-Community/Institutional Pharmacy Practice Experience III (2 units)

Description: This course introduces students to pharmacy practice by providing "hands on" experience in a community or institutional pharmacy practice setting.

Grading basis: Alternative Grading: S, P, F

Career: Pharmacy

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring

Enrollment requirement: PHPR 801B.

PHPR 801E: Introductory Pharmacy Practice Experience (IPPE): Perspectives in Aging (3 units)

Description: This course will provide all 1st-year students with foundational knowledge and skills in caring for older adults. Clinical tools will be practiced in class and implemented during IPPE Student Older Adult Relationship (SOAR) visits.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Lecture Required
Workshop Required

Repeatable: Course can be repeated a maximum of 2 times.

Course typically offered:

Main Campus: Spring

Phoenix Campus: Spring

Enrollment requirement: PHPR 809 must be completed before enrollment in PHPR 801E.

PHPR 802: Pharmaceutics/Biopharmaceutics (3 units)

Description: Discussion of the physical and chemical factors that relate to the development of pharmaceutical products and drug delivery systems. Emphasis is placed on newly emerging technologies and an industrial perspective.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Lecture Required

Co-convened with:

Course typically offered:

Main Campus: Fall

Phoenix Campus: Fall

Recommendations and additional information: PHYS 102, PHYS 182, CHEM 103B, CHEM 104B.

Enrollment requirement: Students must complete PHPR 806A and PHPR 810 before taking PHPR 802.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PHPR 803: Advanced Pharmacy Practice Experience (5 units)

Description: Students will complete 7 six-week long advanced pharmacy practice experiences. This will include an instructional, adult acute care, community and ambulatory care practice and 3 elective experiences. Cumulatively, these experiences will provide students with practical experiences that will prepare them for their pharmacy career.

Grading basis: Alternative Grading: S, P, F

Career: Pharmacy

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 10 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

Phoenix Campus: Fall, Spring, Summer

Recommendations and additional information: PHPR 800, 801C, 805B-D, 806B, 811, 812, 814, 818, 822, 842, 843, 861vc, 862, 863b, 875c, 885a, 887, 895b, 820, 821, 835A, 836A, 837A-B, 871A, 871C.

PHPR 804: Communication Skills and Human Behavior (2 units)

Description: Basic communication skills and thinking strategies needed for effective medication history interviewing and patient counseling.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Lecture Required
 Workshop Required

Course typically offered:

Main Campus: Fall

Phoenix Campus: Fall

PHPR 806A: Compounding and Dispensing (1 unit)

Description: This course is the first in the pharmacy practice that focuses on pharmacy practice in the community setting (retail and hospital). Topics covered include workflow, introduction to law, interpretation of prescriptions, interactions with staff and patents, principles of dispensing of medications, review of pharmaceutical calculations, top 300 medications (Brand, Generic, FDA indications, ADR, Counseling), introduction to drug information, USP <797> and USP <800>.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall

Phoenix Campus: Fall

Recommendations and additional information: Prerequisite or concurrent registration, PHPR 802.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PHPR 809: Pharmacy Practice (3 units)

Description: The objective of this course is to introduce the student pharmacist to various areas of pharmacy practice through in-class presentations/lectures/assignments and workshops. This course is designed to provide baseline regulatory and clinical pharmacy skills. Students should understand, integrate, and apply the information and skills obtained from this course to their internship experience, as well as volunteer or community outreach efforts. Students will be responsible for preparing for each class session and practicing the skills learned in order to obtain and maintain competence throughout the pharmacy curriculum.

Grading basis: Regular Grades

Career: Pharmacy

Course Components:	Independent Study	Required
	Lecture	Required

Course typically offered:

Main Campus: Fall

PHPR 810: Pharmaceutics Product Preparation and Calculations (2 units)

Description: This course enhances pharmacy skills learned earlier in the program through hands-on experience compounding and preparing medications. Present terminology and calculations pertinent to the selection, formulation, preparation, dosage and administration of drugs and their dosage forms. Practical experience with respect to USP <797> and USP <800>, proper hand washing, garbing, handling products under the hood.

Grading basis: Regular Grades

Career: Pharmacy

Course Components:	Lecture	Required
	Workshop	Required

Course typically offered:

Main Campus: Spring

Enrollment requirement: PHPR 806A

PHPR 811: Advanced Patient Care (3 units)

Description: This course covers eight commonly occurring acute and chronic diseases, including hypertension, diabetes, dyslipidemia, asthma/chronic obstructive pulmonary disease, heart failure, coronary artery disease, common infections, and pain. Through case-based learning and patient/preceptor simulations (OSCEs), students will apply clinical and critical thinking skills previously acquired throughout their PharmD curriculum.

Grading basis: Regular Grades

Career: Pharmacy

Course Components:	Lecture	Required
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Course typically offered:

Main Campus: Spring

Enrollment requirement: PHPR 804, PHPR 812 and PHPR 816A.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PHPR 812: Self-Care Pharmacotherapeutics (2 units)

Description: Students demonstrate proficiency in providing professional advice to the self-treating public through application of drug knowledge and communication skills regarding medications, devices, and remedies that can be obtained without a prescription.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Lecture Required

Course typically offered:

Main Campus: Spring

Phoenix Campus: Spring

PHPR 813: Medical Microbiology (1 unit)

Description: The course will provide an overview of pathogenic bacteria, viruses and fungi that are important in human infectious diseases. The content will serve as a basis to understanding the actions of antimicrobial and antiviral medications that will be covered in pharmacology and therapeutics. Taxonomy is science of classification, nomenclature, and identification of living organisms. Applied to microorganisms, this includes bacteria, fungi, viruses, and protozoa. This course will cover common etiologic agents of infectious diseases in humans with emphasis on pathogenic bacteria and fungi. Students are expected to know the names of pathogenic organisms and viruses and how they are classified. Students will learn about common infectious diseases and their etiologic agents. For a given bacteria, fungi, virus or parasite, students will be able to provide the common disease that they cause, and list a few major facts about that disease.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Lecture Required

Course typically offered:

Main Campus: Spring

Phoenix Campus: Spring

Field trip: No field trips

PHPR 814: Public Health and Prevention (2 units)

Description: This course will provide a foundation in the provision of preventive care services as part of pharmacy practice. Prevention on primary, secondary, and tertiary levels will be discussed regarding conditions including type 2 diabetes mellitus, chronic obstructive pulmonary disease, and infectious diseases.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall

Phoenix Campus: Fall

Recommendations and additional information: PHPR 875A, PHPR 875B, and PHPR 875C.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PHPR 815M: International Pharmacy Practice Rotation (5 units)

Description: Elective rotation that provides an opportunity for study of the practice of pharmacy in a country other than the United States. By participating in an international rotation, the student will gain a better understanding of the impact of culture on health beliefs, the delivery of health care services, and the provision of pharmaceutical care.

Grading basis: Alternative Grading: S, P, F

Career: Pharmacy

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring, Summer

Phoenix Campus: Fall, Spring, Summer

PHPR 816A: Patient Assessment and Diagnostics (3 units)

Description: The use of medical history taking, physical assessment, performance of selected CLIA. WAIVED laboratory tests, laboratory test interpretation, and physical diagnosis skills to monitor response to drug treatment and evaluate patient complaints/problems.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Lecture Required
 Workshop Required

Course typically offered:

Main Campus: Spring

Phoenix Campus: Spring

Recommendations and additional information: PHPR 804 is a prerequisite to PHPR 816A.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PHPR 818: Pharmacokinetics (5 units)

Description: The goal of this course is to provide the foundational principles and processes of drug absorption, distribution, metabolism, and elimination, and skills necessary to interpret and apply pharmacokinetic principles in the design and optimization of drug therapy. Students will develop an understanding of basic pharmacokinetic terms and principles, learn how to analyze data, and evaluate the literature with regard to drug absorption and disposition. Through application of mathematical models of plasma concentration versus time curves following drug administration, pharmacokinetic parameters can be estimated to design and predict optimal drug dosing regimens for individual patients. Emphasis is placed on applying population average pharmacokinetic parameters and measured drug concentrations to determine dosage regimens for individual patients. Factors that lead to variability in pharmacokinetic parameters between and within individuals will also be stressed. Students will evaluate the impact of variability on the development of dosage regimens utilizing patient cases.

Grading basis: Regular Grades

Career: Pharmacy

Course Components:	Discussion	Required
	Lecture	Required

Course typically offered:

Main Campus: Fall

Phoenix Campus: Fall

Field trip: No

Enrollment requirement: PHPR 802

PHPR 824: Infectious Diseases (2 units)

Description: A case-based approach to infectious diseases highlighting the use of anti-infective drugs and therapeutic management of infectious diseases.

Grading basis: Regular Grades

Career: Pharmacy

Course Components:	Lecture	Required
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Course typically offered:

Main Campus: Fall

Phoenix Campus: Fall

Recommendations and additional information: Pre-requisite PHPR 860D.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

Description: This two-unit advanced elective course covers the therapeutic use of antineoplastic agents in the treatment of selected malignancies. The course covers pathophysiology and treatment of solid organ and hematologic malignancies, the practical use of antineoplastic agents, and provision of supportive care. Cases are used to emphasize integration and application of principles and clinical reasoning to the development of rational treatment and monitoring plans for patients with cancer, with an emphasis on oncology pharmacy practice.

Career: Pharmacy

Course Components:	Lecture	Required
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Course typically offered:

Main Campus: Spring, Summer

PHPR 826: Introduction to Community Assessment for Pharmacy (2 units)

Description: This course requires students to prepare key elements of a community health assessment, with an emphasis on pharmacy services, for a rural Arizona community of their choice. Students will use secondary data like census and state vital statistics to examine their chosen community's health status. Additionally, students will collect primary data using: surveys, key informant interviews, focus groups, and a windshield survey. Students will prepare a written report that summarizes and analyzes their findings in order to suggest possible topics for future pharmacy research or intervention within their selected rural community. This report will be shared in a presentation to the student's academic and community colleagues.

Grading basis: Regular Grades

Career: Pharmacy

Course Components:	Lecture	Required
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Repeatable: Course can be repeated for a maximum of 4 units.

Course typically offered:

Main Campus: Fall

Phoenix Campus: Fall

-SA represents a Student Abroad & Student Exchange offering

-**CC** represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PHPR 827: Pharmacy Health Informatics (2 units)

Description: The purpose of this course is to provide an introduction to the role of pharmacy and health clinical decision support, clinical informatics, and integration of health information across multiple platforms and organizations.

Grading basis: Regular Grades

Career: Pharmacy

Course Components:

Course typically offered:

Main Campus: Fall

Phoenix Campus: Fall

Recommendations and additional information: Admission to College of Pharmacy, Medicine, or Nursing. Non-health professional minors may not enroll.

PHPR 828: Pharmacy Health Disparities in the US (2 units)

Description: This course will address health disparities, and pharmacy health disparities specifically, by critically analyzing historical, political, economic, social, cultural, systems, and environmental determinants that have produced inequitable health status or health care delivery. While racial/ethnic disparities in health and health outcomes will be an important focus of this course, disparities among other subgroups (e.g. rural/urban, lower socio-economic status, uninsured, disabled, etc.) may also be included and discussed. Health disparities and their relevance to pharmacists and pharmacy practice will be emphasized.

Grading basis: Regular Grades

Career: Pharmacy

Course Components:	Lecture	Required
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Course typically offered:

Main Campus: Spring

PHPR 842: Professional Practice Management (3 units)

Description: Management of professional situations and the interaction among patients, colleagues, and other health-care providers, with application to institutional, community, and clinical pharmacy practice.

Grading basis: Regular Grades

Career: Pharmacy

Course Components:	Lecture	Required
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Course typically offered:

Main Campus: Fall

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PHPR 843: Pharmacy Laws (2 units)

Description: Legal concepts covering professionalism, negligence, liability, legal processes and semantics; pertinent federal, state and local statutes and regulations.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall

PHPR 845A: Medication Use in the U.S. (2 units)

Description: To examine the U.S. health care system and explore the crucial and complex issues facing consumers, providers, payers and regulators.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Lecture Required

Repeatable: Course can be repeated a maximum of 2 times.

Course typically offered:

Main Campus: Fall

Phoenix Campus: Fall

PHPR 847: Perspectives in Geriatrics Laboratory (1 unit)

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Laboratory Required

Equivalent to: GERO 847, N_SC 847

Also offered as: GERO 847

Course typically offered:

Main Campus: Spring

Recommendations and additional information: Concurrent registration, PHPR 848.

PHPR 860A: Pharmacotherapeutics I (2 units)

Description: This is the first of a five semester series of course covering all major aspects of pharmacotherapeutics (the study of drug therapy of human diseases).

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Workshop Required

Repeatable: Course can be repeated a maximum of 2 times.

Course typically offered:

Main Campus: Spring

Enrollment requirement: PCOL 838A, PHPR 804, PHPR 814, PHPR 816A must all be completed before enrolling in PHPR 860A.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PHPR 860B: Pharmacotherapeutics II (4 units)

Description: PHPR 860B is the second of a five semester series of courses covering all major aspects of pharmacotherapeutics (the study of drug therapy of human diseases). The over-riding goal of this course as well as the College curriculum is to train and prepare the student to provide the best possible pharmaceutical care, which is the responsibility taken by the pharmacist to assure safe and effective drug therapy, while maximizing positive outcomes for each patient.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall

Phoenix Campus: Fall

Recommendations and additional information: Must be enrolled in PHPR 860A to register for PHPR 860B and must pass PHPR 860A with a grade of "C" or better to take PHPR 860B.

PHPR 860C: Pharmacotherapeutics III (3 units)

Description: This is the third course of a five course series covering all major aspects of pathophysiology and pharmacotherapeutics. This course is focused on critical care, cardiology, neurology, and pain. The majority of classroom time will be spend working on patient cases and exercises to enhance problem solving abilities in preparation for real world clinical practice. Students are expected to prepare prior to class by reviewing the learning objectives using the textbook, video tutorials, and other materials provided by the instructor.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Lecture Required

Course typically offered:

Main Campus: Spring

Phoenix Campus: Spring

Field trip: None

Enrollment requirement: PHPR 860B

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PHPR 860D: Pharmacotherapeutics IV (5 units)

Description: PHPR 860D is the fourth of a five-semester series of courses covering all major aspects of pharmacotherapeutics (the study of drug therapy of human diseases) along with pharmacology and medicinal chemistry with a specific focus on infectious diseases. However, the over-riding goal of this course as well as the College curriculum is to train and prepare the student to provide pharmaceutical care.

Grading basis: Regular Grades

Career: Pharmacy

Course Components:	Lecture	Required
	Workshop	Required

Course typically offered:

Main Campus: Fall

Phoenix Campus: Fall

Recommendations and additional information: PHPR 860C.

Field trip: No

PHPR 861A: Drug Literature Evaluation - Statistical Methods (2 units)

Description: Descriptive statistics. Basic probability concepts and an introduction to inferential statistical techniques. Elements of hypothesis testing with an emphasis on applications in the biomedical literature.

Grading basis: Regular Grades

Career: Pharmacy

Course Components:	Lecture	Required
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Course typically offered:

Main Campus: Spring

Phoenix Campus: Spring

PHPR 861B: Drug Literature Evaluation - Research Design Considerations (2 units)

Description: Application of research design principles, statistical methods, and ethical dimensions to critically evaluate published literature, research reports, and proposals.

Grading basis: Regular Grades

Career: Pharmacy

Course Components:	Lecture	Required
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Course typically offered:

Main Campus: Fall

Phoenix Campus: Fall

Enrollment requirement: PHPR 861A.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PHPR 861C: Drug Literature Evaluation - Applications (2 units)

Description: Application of knowledge and skills related to the evaluation of the medical literature and assessment of research reports and proposals.

Grading basis: Regular Grades

Career: Pharmacy

Course Components:

Course typically offered:

Main Campus: Spring

Phoenix Campus: Spring

Recommendations and additional information: Enrollment in College of Pharmacy Doctor of Pharmacy Program.

Enrollment requirement: PHPR 861A and PHPR 861B.

PHPR 862: Writing a Research Proposal (2 units)

Description: This course delineates the basics of scientific writing and provides a procedure for writing an investigative study proposal.

Grading basis: Regular Grades

Career: Pharmacy

Course Components:	Lecture	Required
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Course typically offered:

Main Campus: Spring

Enrollment requirement: PHPR 861A and PHPR 861B and PHPR 861C.

PHPR 863A: Quality and Safety (2 units)

Description: PPHR 863A encourages the student to strive for professional excellence by exploring the topic of quality improvement. In so doing, the course acquaints the student with the nature of quality in health care and examines approaches to pharmacy practice that students can use to assure quality drug therapy. A variety of teaching methods, such as lecture, discussion, individual writing assignments, and small group activities are utilized.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Lecture Required

Course typically offered:

Main Campus: Fall

Phoenix Campus: Fall

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PHPR 863B: Quality and Safety Lab (1 unit)

Description: The University of Arizona College of Pharmacy Doctor of Pharmacy students will engage in PHPR 863B after the successful completion of PHPR 863A. During PHPR 863B the student will apply quality improvement and medication error reduction techniques in a pharmacy practice setting to improve healthcare safety while working under the supervision of a pharmacist preceptor.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Discussion Required

Course typically offered:

Main Campus: Spring

Phoenix Campus: Spring

Enrollment requirement: PHPR 863 or 863A.

PHPR 864: Acute Care Pharmacy Practice (2 units)

Description: This course will use an interactive format to discuss pharmacy practice in the acute care setting.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Lecture Required

Course typically offered:

Main Campus: Spring

Recommendations and additional information: First two years pharmacy school.

PHPR 885A: Applied Pharmacokinetics (2 units)

Description: Advanced pharmacokinetic principles emphasizing the application of mathematical relationships to therapeutic drug monitoring in patient care situations.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Lecture Required

Repeatable: Course can be repeated a maximum of 2 times.

Course typically offered:

Main Campus: Spring

Enrollment requirement: (PHPR 807A and PHPR 808A) or (PHPR 807 and PHPR 808A).

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PHPR 887: Applied Pharmacogenomics and Precision Medicine (3 units)

Description: This three-credit course is designed to provide the student with a broad understanding of how genetics can influence disease susceptibility and the response to drug therapy in humans.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Lecture Required

Course typically offered:

Main Campus: Spring

Recommendations and additional information: PSIO 480.

PHPR 893A: Internship for International Students (1 - 6 units)

Description: Co-curricular experience for international students enrolled in Doctor of Pharmacy program to provide internship experience required for licensure.

Grading basis: Pass/Fail

Career: Pharmacy

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

Recommendations and additional information: Enrolled as full-time student in Pharm.D. program.

PHPR 895B: Preparation for Rotations (1 unit)

Description: The objective of this course is to prepare students for the fourth year of the Doctor of Pharmacy program. Course sessions will include the following: Preceptor Visits, Presentations on Rotations, CPR Training, Patient Monitoring, Residencies, Tips On Fourth Year Planning, Portfolio Development, Résumés and Curricula Vitae, and Off-Campus Access to the College Computer Server.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Colloquium Required

Course typically offered:

Main Campus: Fall

Recommendations and additional information: Open to majors in 3rd professional year only.

Enrollment requirement: PHPR 801B and 801E, and prerequisite or concurrent enrollment in PHPR 801C.

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PHPR 896A: Research Project I (2 units)

Description: The purpose of this class is to provide support to students as they collect and analyze the data for their pharmacy practice project. The overall goal for this course is for the student to have completed their data collection and analysis by the end of the semester and be ready to write their final project report.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Seminar Required

Course typically offered:

Main Campus: Fall

PHPR 896B: Research Project II (2 units)

Description: Continuation of PhPr 896A, Research Project I.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Seminar Required

Course typically offered:

Main Campus: Spring

PHPR 897A: Concepts of Pharmacy Business: Entrepreneurship (2 units)

Description: The course will teach the basics of pharmacy business and pharmacy ownership. Specific concepts will include innovation, marketing, physical structure, and financials. Students will be required to develop and submit a business plan for new pharmacy or pharmacy service.

Grading basis: Regular Grades

Career: Pharmacy

Course Components: Workshop Required

Course typically offered:

Main Campus: Spring

PHPR 898A: Preparation for Internship I (2 units)

Description: This course is designed to introduce principles and concepts of US pharmacy practice, to prepare the students to successfully complete the foreign pharmacy graduate equivalency exam and for internship.

Grading basis: Regular Grades

Career: Graduate

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring, Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.

PHPR 898B: Preparation for Internship II (2 units)

Description: This course is designed to discuss more advanced principles and concepts of U. S. Pharmacy practice and the U.S. healthcare system, to prepare the student to successfully complete the North American Pharmacy License Exam (NAPLEX) and Multi-State Pharmacy Jurisprudence Exam (MPJE).

Grading basis: Regular Grades

Career: Graduate

Course Components: Independent Study Required

Course typically offered:

Main Campus: Fall, Spring, Summer

PHPR 899: Independent Study (1 - 4 units)

Description: Qualified students working on an individual basis with professors who have agreed to supervise such work.

Grading basis: Alternative Grading: S, P, F

Career: Pharmacy

Course Components: Independent Study Required

Repeatable: Course can be repeated a maximum of 99 times.

Course typically offered:

Main Campus: Fall, Spring, Summer

-SA represents a Student Abroad & Student Exchange offering

-CC represents a Correspondence Course offering

May Be Offered Departments may offer this component in some semesters. See the Schedule of Classes for term-specific offerings.