

PHARMACY PRACTICE (PHM PRAC)

PHM PRAC 305 – CONSUMER SELF-CARE AND OVER-THE-COUNTER DRUGS

2 credits.

Provides learners with information regarding self-care of common, minor health conditions. Emphasis on: illness prevention, health condition symptoms, guidelines for over-the-counter product use, adverse effects and alcohol/drug interactions of over-the-counter products, when to request professional care.

Requisites: Not open to students declared in the Nursing, Physician Assistant, or Doctor of Pharmacy programs

Repeatable for Credit: No

Last Taught: Fall 2021

PHM PRAC 426 – PHARMACY PRACTICE EXPERIENCE I

1 credit.

Designed to introduce student pharmacists to many aspects of pharmacy practice. Participate in a wide-variety of activities to expose them to the role of the pharmacist and the many patient care opportunities that exist in and out of the community pharmacy practice setting. Observe pharmacists in a community pharmacy. Gain a broad understanding of the pharmacist's public health role. Actively participate in assigned teams in a longitudinal experience with an assigned older adult in the community. All of these experiences will be guided by a modified continuing professional development framework (prepare, plan, do, reflect).

Requisites: PHARMACY 423

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 438 – NONPRESCRIPTION MEDICATIONS AND SELF-CARE

2 credits.

Develop knowledge and skills needed to perform triage and make self-care and therapeutic recommendations for self-limiting health conditions commonly encountered in pharmacy practice.

Requisites: Declared in the Doctor of Pharmacy program

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Fall 2022

PHM PRAC 461 – PATHWAYS IN PHARMACY PRACTICE

1 credit.

Introduction to, and exploration of, contemporary pharmacy practice settings and interprofessional practice, including opportunities for career advancement.

Requisites: Declared in Doctor of Pharmacy program

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Fall 2022

PHM PRAC 462 – PROFESSIONAL DEVELOPMENT AND ENGAGEMENT I- DEVELOPING YOUR PROFESSIONAL IDENTITY

1 credit.

Develop professional identity and become more engaged with the profession of pharmacy. Explore personal values, skills, and strengths and identify their implications for patient care and professional practice. Engage in continuous professional and interprofessional development to provide patient care that is safe and equitable. Prepare for future introductory pharmacy practice experiences.

Requisites: PHM PRAC 461

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 463 – PROFESSIONAL DEVELOPMENT AND ENGAGEMENT II- CULTIVATING SELF-AWARENESS

1 credit.

Develop professional identity and demonstrate behaviors that regulate personal emotions and support well-being. Identify personal strengths and communicate these strengths to others. Engage in continuous professional and interprofessional development to provide patient care that is safe and equitable.

Requisites: PHM PRAC 462

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Fall 2022

PHM PRAC 464 – PROFESSIONAL DEVELOPMENT AND ENGAGEMENT III: PROMOTING PROFESSIONAL ENGAGEMENT

1 credit.

Develop professional identity and become more engaged with the profession of pharmacy. Demonstrate behaviors that regulate personal emotions and support well-being. Engage in continuous professional and interprofessional development to provide patient care that is safe and equitable. Prepare for future introductory pharmacy practice experiences.

Requisites: PHM PRAC 463

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 465 – PROFESSIONAL DEVELOPMENT AND ENGAGEMENT IV- EMBRACING CONTINUOUS PROFESSIONAL DEVELOPMENT

1 credit.

Develop professional identity and become more engaged with the profession of pharmacy. Engage in continuous professional and interprofessional development to provide patient care that is safe and equitable; utilize appropriate published evidence to answer clinical questions; and prepare for advanced pharmacy practice experiences.

Requisites: PHM PRAC 464

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 467 – INTERPROFESSIONAL COLLABORATIVE PRACTICE IN HIV CARE

1 credit.

Gain foundational knowledge and skills in interprofessional collaborative practice and HIV care through this unique learning opportunity. Utilizes a blended learning model, and includes in-person sessions, online learning, and supervised clinical experiences. Course participation occurs as part of an interprofessional student team.

Requisites: Declared in Nursing BSN (Traditional, Collaborative, Accelerated), Social Work BSW, Medicine MD, Pharmacy PharmD, or Social Work MSW.

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 468 – INTRODUCTION TO PHARMACY INFORMATICS

1 credit.

Introduction to Pharmacy Informatics, the scientific field that utilizes a systems approach to medication-related data and information, including its acquisition, storage, analysis, and dissemination, in the delivery of optimal medication-related patient care and health outcomes.

Requisites: Declared in the Doctor of Pharmacy program

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 469 – HEALTH EQUITY & SOCIAL JUSTICE FOR HEALTHCARE PROVIDERS

2 credits.

Social justice seminar focusing on diversity, equity, inclusion, and leadership in the health professions. Focus on historical and contemporary issues in the healthcare system and equip students to develop the awareness, skills, and applied behaviors to impact healthcare inequities at the micro and macro level.

Requisites: Nursing BSN (Traditional, Accelerated or Collaborative), senior standing and declared in Health Promotion and Health Equity BS, or graduate/professional standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 471 – EXPLORING PHARMACY PEER MENTOR SEMINAR

1 credit.

A mentoring, leadership and facilitation class for pharmacy student peer mentors who are assisting instructors of the Exploring Pharmacy courses

Requisites: Declared in Doctor of Pharmacy program

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2023

PHM PRAC 490 – SELECTED TOPICS IN PHARMACY PRACTICE

1-4 credits.

Specialized Pharmacy subject matter of current interest to undergraduate and professional students.

Requisites: Declared in Doctor of Pharmacy program

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2023

PHM PRAC 526 – PHARMACY PRACTICE EXPERIENCES II

1 credit.

The second experience of a three-year Introductory Pharmacy Practice Experiences (IPPEs) sequence. Provides opportunities to integrate learning from prior didactic courses such as The Role of the Pharmacist in the Public Health System, Managing Pharmacy Systems for Patient Care, current pharmacotherapy courses, and a previous community IPPE, into observation and discussion of the provision of patient care. Participate in a wide-variety of activities to expose them to the role of the pharmacist and patient care opportunities that exist in and out of the pharmacy practice setting. Focus on the provision of care in an institutional setting along with a variety of pharmacy practice settings which fall under an elective category. Continued exposure to the Pharmacist Patient Care Process (PPCP), which is a framework for providing patient care in a pharmacy practice setting.

Requisites: PHM PRAC 426

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 550 – FLUID AND ELECTROLYTE THERAPY

2 credits.

Clinical management of disorders of fluid, electrolytes, and acid-base in patients with normal and abnormal homeostatic mechanisms. Also included is parenteral nutritional support.

Requisites: Declared in Doctor of Pharmacy program with third year standing

Repeatable for Credit: No

Last Taught: Fall 2022

PHM PRAC 553 – INTEGRATED PHARMACOTHERAPY SKILLS I

1 credit.

Learn pharmacotherapeutic skills necessary to develop competence as a pharmacist to assume the responsibility to improve therapeutic patient outcomes related to medication use. Skills will include patient communication, identification and resolution of drug related problems, and documentation.

Requisites: Declared in Doctor of Pharmacy program with second year standing

Repeatable for Credit: No

Last Taught: Fall 2022

PHM PRAC 554 – INTEGRATED PHARMACOTHERAPY SKILLS II
1 credit.

Learn pharmacotherapeutic skills necessary to develop competence as a pharmacist to assume the responsibility to improve therapeutic patient outcomes related to medication use. Skills will include patient and provider communication, identification and resolution of drug related problems, and documentation.

Requisites: PHM PRAC 553 and 555

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 555 – PHARMACOTHERAPY I
3 credits.

Clinical application of medications in the management of various neurologic and psychiatric disease states. Assessment and therapeutic monitoring of drug therapy with emphasis on the concepts of drug selection, monitoring of drug effect and titration of regimen. Also incorporates issues regarding pharmacokinetics/dynamics, drug interactions, pharmacy practice, and patient education.

Requisites: Declared in the Doctor of Pharmacy program with second year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Fall 2022

PHM PRAC 556 – PHARMACOTHERAPY II
3 credits.

Clinical application of medications in the management of various disease states. Assessment and therapeutic monitoring of disease states and drug therapy using the concepts of pharmacokinetics/dynamics, drug interactions, pharmacy practice and patient counseling. Topics include cardiovascular and pulmonary therapeutics.

Requisites: PHM PRAC 553 and 555

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 559 – INTRODUCTION TO ANTIMICROBIAL PHARMACOTHERAPY
1 credit.

Preparation for antimicrobial exposure and monitoring during internships to ensure safe and effective patient use of antimicrobials. Exposure to antibiotic-related drug information questions in the community and institution settings and review of primary literature to respond to these questions.

Requisites: Declared in Doctor of Pharmacy program with second year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2020

PHM PRAC 560 – SEMINARS IN ANTIMICROBIAL STEWARDSHIP
2 credits.

Gain foundational knowledge of the societal implications of antimicrobial resistance and the basic tenets of antimicrobial stewardship in multiple practice settings. Apply these tenets by developing antimicrobial stewardship intervention(s) and design measurement of associated outcomes.

Requisites: Declared in the Doctor of Pharmacy program

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Fall 2022

PHM PRAC 570 – DRUG LITERATURE EVALUATION
3 credits.

Fundamentals of drug literature and statistical evaluation to enable students to make decisions regarding the clinical use of drugs in their practice.

Requisites: Declared in Doctor of Pharmacy program with second year standing

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC/NURSING 605 – PHARMACOTHERAPEUTICS FOR ADVANCED PRACTICE NURSES
3 credits.

Pharmacotherapeutics content and application for advanced practice nursing. Emphasis on selection of appropriate therapeutics, development of clinical decision-making skills, and examination of legal, ethical, and safety issues in prescribing medications.

Requisites: Declared in a School of Nursing graduate program

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 610 – LEADERSHIP IN HEALTH-SYSTEM PHARMACY
2 credits.

Designed to expose students to personal leadership qualities essential to operate efficiently within an integrated health care delivery system and advance the profession and practice of pharmacy. Students will gain a foundation to become future pharmacy leaders through an understanding of pharmacy's continual evolution in the changing health care environment.

Requisites: Declared in Doctor of Pharmacy program with third year standing

Repeatable for Credit: No

Last Taught: Fall 2021

PHM PRAC 611 – MEDICAL IMAGING FOR PHARMACISTS

2 credits.

An overview of the imaging modalities offered in a Hospital Radiology Department. Completion of this course will help students understand the concepts of radiation, how it is used, and some of the tests and medications a patient may encounter when in the Radiology Department of a hospital.

Requisites: Declared in Doctor of Pharmacy program

Repeatable for Credit: No

Last Taught: Fall 2022

PHM PRAC 612 – RADIOPHARMACEUTICALS

2 credits.

A survey of the clinical diagnostic and therapeutic use of radioactive pharmaceuticals. Included is a review of nuclear physics, radiation biology, radiation chemistry, regulatory issues, and radiation safety, as these areas relate to the synthesis, formulation, dispensing, and administration of radiopharmaceuticals.

Requisites: PHM PRAC 611

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 617 – HEALTH SYSTEM PHARMACY DATA ANALYSIS AND INFORMATICS

2 credits.

Weekly lectures will familiarize the student with pharmacy information systems and the use of data and data processing systems for decision support. Students will complete a data analysis and report project to drive a decision in the hospital.

Requisites: Graduate standing or declared in the Doctor of Pharmacy program with third year standing

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 625 – PHARMACY PRACTICE EXPERIENCES III

2 credits.

Integrates didactic learning with active participation in a wide-variety of patient-care activities under the supervision of a pharmacist preceptor including medication reconciliation, patient consultation, complex medication reviews, documentation, therapeutic drug monitoring and calculations. Continued exposure to the Pharmacist Patient Care Process (PPCP), which is a framework for providing patient care in a pharmacy practice setting.

Requisites: PHM PRAC 526

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Fall 2022

PHM PRAC 626 – PHARMACY PRACTICE EXPERIENCES IV

2 credits.

Integrates didactic learning with active participation in a wide-variety of patient-care activities under the supervision of a pharmacist preceptor including medication reconciliation, patient consultation, complex medication reviews, documentation, therapeutic drug monitoring and calculations. Continued exposure to the Pharmacist Patient Care Process (PPCP), which is a framework for providing patient care in a pharmacy practice setting.

Requisites: PHM PRAC 625

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 628 – PRACTICE INNOVATION I

1 credit.

Application of foundational knowledge of project management to hands-on experiences planning positive change within the health care system. Students will learn to think strategically, to critically assess a problem, identify solutions, and implement change. Students will integrate concepts in their practice area of interest with the project management skills learned in this course.

Requisites: Declared in Doctor of Pharmacy program with third year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Fall 2022

PHM PRAC 629 – PRACTICE INNOVATION II

1 credit.

Expand upon the knowledge gained in Practice Innovation I to produce positive change within the health care system. Students will integrate concepts in their practice area of interest with the project management skills learned placing special emphasis on project implementation, measurement, and articulation of results.

Requisites: PHM PRAC 628

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 638 – NONPRESCRIPTION PRODUCTS & SELF-CARE

2 credits.

Provides students with knowledge and skills needed to perform triage and make self-care and therapeutic recommendations for self-limiting health conditions commonly encountered in pharmacy practice.

Requisites: PHM PRAC 554, 556 and PHM COL-M/PHM SCI 522

Repeatable for Credit: No

Last Taught: Fall 2022

PHM PRAC 650 – COMPREHENSIVE IMMUNIZATION DELIVERY

1 credit.

Addresses vaccine-preventable diseases and the implementation of pharmacy-based immunization delivery programs.

Requisites: Declared in the Doctor of Pharmacy program

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Fall 2022

PHM PRAC 653 – INTEGRATED PHARMACOTHERAPY SKILLS III

1 credit.

Learn and build upon pharmacotherapeutic skills necessary to develop competence as a pharmacist to assume the responsibility to improve therapeutic patient outcomes related to medication use. Skills will include patient and healthcare provider communication, identification and resolution of drug related problems, documentation, and complex problem solving skills.

Requisites: Declared in Doctor of Pharmacy program with third year standing

Repeatable for Credit: No

Last Taught: Fall 2022

PHM PRAC 654 – INTEGRATED PHARMACOTHERAPY SKILLS IV

1 credit.

Learn and build upon pharmacotherapeutic skills necessary to develop competence as a pharmacist to assume the responsibility to improve therapeutic patient outcomes related to medication use. The course will focus on building complex problem solving skills including the integration of patient and provider communication, documentation, and evaluation of integrated patient cases with a secondary focus on patient profile reviews and comprehensive medication review and assessment.

Requisites: PHM PRAC 653 and 655

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 655 – PHARMACOTHERAPY III

3 credits.

Clinical application of medications in the management of various disease states. Assessment and therapeutic monitoring of disease states and drug therapy using the concepts of pharmacokinetics/dynamics, drug interactions, pharmacy practice and patient counseling. Topics include various renal, endocrine, gastrointestinal, rheumatologic and immunologic disease therapeutics.

Requisites: PHM PRAC 554 and 556

Repeatable for Credit: No

Last Taught: Fall 2022

PHM PRAC 656 – PHARMACOTHERAPY IV

3-4 credits.

Clinical application of medications in the management of various disease states. Assessment and therapeutic monitoring of disease states and drug therapy using the concepts of pharmacokinetics/dynamics, drug interactions, pharmacy practice and patient counseling. Topics include various oncology and infectious disease therapeutics. A one credit elective option will be offered to students and involves academic leadership skill development. Student leaders will lead discussion activities which involve clinical cases, scientific literature review, oncology literature discussions.

Requisites: PHM PRAC 653, 655 and PHM SCI 623

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 657 – SEMINARS IN PEDIATRIC PHARMACOTHERAPY

2 credits.

Addresses the selection, dosing, and monitoring of drugs in children from birth to adolescence. Drugs in pregnancy and lactation are also addressed. The course combines lecture, small group work, and discussion.

Requisites: PHM PRAC 656 or concurrent enrollment

Repeatable for Credit: No

Last Taught: Spring 2022

PHM PRAC 659 – INFECTIOUS DISEASES PHARMACOTHERAPY IN THE ACUTE CARE SETTING

1 credit.

Antimicrobial Stewardship has emerged as an important component of patient care in both inpatient and outpatient settings. Pharmacists can play an essential role in Antimicrobial Stewardship through application of knowledge in pharmacology, therapeutics, pharmacokinetics, microbiology, and biotechnology, most often expressed in the acute care setting, where patient health status and therapeutic decision making are ongoing. Addresses the ever-changing skill set required for pharmacists to understand therapeutic options and make effective interventions in the care of infected patients. Emphasis is placed on new treatment modalities as well as challenging the status quo of conventional management principles.

Requisites: PHM PRAC 655

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 668 – SEMINARS IN CRITICAL CARE

2 credits.

Addresses the pharmacotherapeutic management of various critical care conditions. Guest lectures, primary literature review, patient case discussions, student-led presentations, and small group work will be utilized.

Requisites: PHM PRAC 550, 555, 556, and 655

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 670 – VETERINARY THERAPEUTICS

1-2 credits.

Presentation and discussion of topics that involve the therapeutic management of disease states of companion, food, and exotic animals. Emphasis is placed upon the principles of drug regulations, drug therapy, toxicology, and available commercial products.

Requisites: Declared in Doctor of Pharmacy program with third year standing

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 671 – INTRODUCTION TO ACADEMIC PHARMACY I

2 credits.

Introduces students to pharmacy faculty responsibilities. Students will participate in a variety of activities to expose them to the role of the pharmacy educator and will actively participate in the education of DPH-1 or DPH-2 students.

Requisites: Declared in Doctor of Pharmacy program with third year standing

Repeatable for Credit: No

Last Taught: Fall 2021

PHM PRAC 673 – SEMINARS IN GLOBAL HEALTH PHARMACY

1 credit.

Explores the contribution of pharmacy and pharmacists to global health initiatives. Topics will be selected and presented by course faculty and students.

Requisites: Declared in Doctor of Pharmacy program

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC/NURSING 674 – SEMINARS IN INTERPROFESSIONAL MENTAL HEALTH CARE

2 credits.

Addresses the team-based and patient-centered care of persons with mental health conditions. A special focus will be put on the management of psychotropic medication regimens. A combination of lecture, discussion, and small group work will be utilized.

Requisites: PHM PRAC 555

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 677 – SEMINARS IN CARDIOLOGY

2 credits.

Seminars, primary literature review, and patient case discussions on selected cardiovascular conditions, including: ACS, HF, valvular disease, cardiac devices, hemodynamic monitoring, heart transplantation, arrhythmias, ACLS, pulmonary arterial hypertension, stroke, and metabolic syndrome.

Requisites: Declared in Doctor of Pharmacy program with third year standing

Repeatable for Credit: No

Last Taught: Fall 2022

PHM PRAC 678 – SEMINARS IN ONCOLOGY

1 credit.

Addresses practical issues surrounding the optimization of medication use in the treatment of patients with cancer. Practical solutions to the everyday challenges of providing exceptional clinical oncology care in a safe, fiscally responsible manner to optimize clinical outcomes of patients with cancer. Included subjects range across clinical, operational, and practice management issues that affect oncology pharmacy practice. These subjects include: pharmacogenomics, cell therapies, oncology research, survivorship, oral chemotherapy management, hazardous drug handling, value of cancer care, specialty pharmacy and Risk Evaluation and Mitigation Strategy (REMS) processes, and transitions of care. Although focused on oncology patients, offers practical exposure to issues confronting the care of patients with other types of diseases.

Requisites: Declared in the Doctor of Pharmacy Program with third year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 679 – ADVANCED DIABETES MANAGEMENT

2 credits.

Enhanced education on diabetes topics; current approaches to the medical management of patients with diabetes including the pharmacist's role in diabetes education and coaching/case management.

Requisites: PHM PRAC 655 or (NURSING 312 and NURSING 422)

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 691 – SENIOR THESIS

2 credits.

Individual study for seniors completing theses as arranged with a faculty member.

Requisites: Consent of instructor

Repeatable for Credit: No

PHM PRAC 692 – SENIOR THESIS

2 credits.

Individual study for seniors completing theses as arranged with a faculty member.

Requisites: Consent of instructor

Repeatable for Credit: No

PHM PRAC 699 – ADVANCED INDEPENDENT STUDY

0-3 credits.

Directed study projects as arranged with a faculty member.

Requisites: Consent of instructor

Course Designation: Level - Advanced

L&S Credit - Counts as Liberal Arts and Science credit in L&S

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2023

PHM PRAC 740 – ACUTE PHARMACEUTICAL CARE CLERKSHIP

1-6 credits.

Integrates prior didactic course work in pharmacotherapy, pathophysiology, and drug literature evaluation into the provision of pharmaceutical care to hospitalized patients. Participate in the provision of direct pharmaceutical care, by monitoring drug therapy, providing patient counseling, and providing drug information and pharmacokinetic dosing recommendations for patients. Gain experience and insight into health education by interacting with other health professionals and health-professions students.

Requisites: Declared in Doctor of Pharmacy program with fourth year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Summer 2023

PHM PRAC 741 – AMBULATORY PHARMACEUTICAL CARE CLERKSHIP

1-6 credits.

Integrates prior course work in pharmacotherapy, pathophysiology, and drug literature evaluation into the provision of pharmaceutical care to ambulatory patients. Activities include conducting patient interviews and assessments, providing drug information to patients and health professionals, and monitoring drug therapy in ambulatory settings.

Requisites: Declared in Doctor of Pharmacy program with fourth year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Summer 2023

PHM PRAC 742 – HEALTH-SYSTEM PHARMACY PRACTICE CLERKSHIP

1-6 credits.

Integrates prior didactic course work into the provision of care and the development and delivery of services for hospitalized patients. Exposure to the five pillars of the medication use system (prescribing, transcribing, dispensing, administering, monitoring), plus procurement/storage along with the hospital services and processes that support them. Includes exposure to hospital-based services/programs/committees such as investigational drugs, Pharmacy and Therapeutics, quality/performance improvement (MUE), technologies, and personnel management. Exposure to best-practices, regulatory, legal, and accreditation standards/requirements that influence the quality and delivery of care to hospitalized patients.

Requisites: Declared in Doctor of Pharmacy program with fourth year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Summer 2023

PHM PRAC 743 – COMMUNITY PHARMACY PRACTICE CLERKSHIP

1-6 credits.

Develops the skills and judgment necessary to apply the knowledge gained in the basic and clinical sciences to specific patient care situations. In addition, demonstrates the philosophy that clinical (APPE) and distributive pharmaceutical services should be patient oriented and integrated in contemporary ambulatory practice.

Requisites: Declared in Doctor of Pharmacy program with fourth year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Summer 2023

PHM PRAC/NURSING/SOC WORK 746 – INTERDISCIPLINARY CARE OF CHILDREN WITH SPECIAL HEALTH CARE NEEDS

3 credits.

Interdisciplinary team care of children with special health care needs across the trajectory of illness presented within the context of family, culture, social determinants of health, community, and healthcare policy. Students introduced to interdisciplinary, collaborative, family-centered team care.

Requisites: Graduate/professional standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 760 – ELECTIVE PHARMACY PRACTICE CLERKSHIP

1-6 credits.

Experiential course that integrates prior course work in pharmacotherapy, pathophysiology, and drug literature evaluation into the provision of pharmaceutical care to ambulatory patients. Students will conduct patient interviews and assessments, provide drug information to patients and health professionals, and monitor drug therapy in ambulatory settings.

Requisites: Declared in Doctor of Pharmacy program with fourth year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Summer 2023

PHM PRAC 764 – VETERINARY PHARMACY CLERKSHIP

1-6 credits.

Practical experience in a veterinary medicine environment with emphasis on the drug treatment of diseases in animals.

Requisites: Declared in Doctor of Pharmacy program with fourth year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

PHM PRAC 769 – CLINICAL RESEARCH AND PHARMACY INVESTIGATION CLERSKSHIP

1-6 credits.

Gain experience with clinical and translational research in a mentored situation. Learn study design, laboratory techniques, statistical analysis, manuscript preparation, and ethical principles of research.

Requisites: Declared in Doctor of Pharmacy program with fourth year standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Summer 2023

PHM PRAC 961 – GRADUATE SEMINAR IN HEALTH-SYSTEM PHARMACY

1 credit.

Specialized subject matter of current interest to graduate students in the MS Pharmacy Administration program.

Requisites: Graduate/professional standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Fall 2022

PHM PRAC 962 – GRADUATE SEMINAR IN HEALTH-SYSTEM PHARMACY

1 credit.

Specialized subject matter of current interest to graduate students in the MS Pharmacy Administration program.

Requisites: Graduate/professional standing

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2023

PHM PRAC 999 – ADVANCED INDEPENDENT STUDY

1-12 credits.

Directed study projects for graduate students as arranged with a faculty member.

Requisites: Consent of instructor

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2023