

University of Iowa College of Pharmacy
Spring Elective Offerings

Cohort Availability	Course Number	Title	Semester Hours	Coordinator of Record	Description
P3	8501	Introduction to Nuclear Pharmacy	2	Mastascusa, N.	This course will introduce students to radiopharmacy as a specialty practice. The course will include basic foundations of the practice as encountered daily by the nuclear pharmacist. Topics include basic radiation physics, safety and biological effects, NRC regulations for radioactive material licensing and use, radiopharmaceutical chemistry and product preparation, radiopharmaceutical use for diagnostic imaging and therapy with examination of nuclear medicine case studies, nuclear pharmacist communication and contributions to the medical team.
P3	8502	Advanced Pharmacopalliation of Pain	2	Lockman, K.	Exploration of symptom management across the trajectory of serious illness through a series of longitudinal patient cases.
P3	8503	Advanced Pharmacopalliation of Non-Pain Symptoms	3	Fisher, L.	Terminal extubation, terminal agitation, discontinuing life sustaining therapies, and pharmacokinetic and pharmaceutic issues in advanced illness.
P3	8505	Advanced Topics in ID/HIV/Antimicrobial Therapy	2	Heintz, B.	Topics in antimicrobial treatment of infectious diseases beyond those in the required pharmacy curriculum, including topics covered in the infectious disease therapeutics course; lectures, case discussion, class participation, and summary presentations of an uncommon organism or antimicrobial agent.
P1, P2	8509	Leaders Read: A Book Club Elective	2	Vos, S.	Introduction to concepts from <i>The Five Practices for Exemplary Leaders</i> by Kouzes and Posner; overview of all five practices with focus on first practice of "Modeling the Way;" values and skills of servant leadership through reading, reflection, and discussion; servant leadership philosophy where the main goal of the leader is to serve, and exploration of why servant leadership is critical; students articulate their own "why" and the importance of service in leadership.
P3	8512	Advanced Drug Literature I: Study Design	1	Ernst, M. Schroeder, M	Expansion of concepts introduced in the first pharmacy discovery course; improvement of knowledge and skills for practical evaluation of drug literature; emphasis on understanding advanced concepts in study designs which aid in applied interpretation and application of study findings to patient care.
P3	8513	Advanced Drug Literature II: Evaluation	1	Ernst, M. Schroeder, M	Expansion of concepts introduced in first professional discovery course; improvement of knowledge and skills in practical evaluation of drug literature; emphasis on applied interpretation and application of study findings to patient care through active student journal club presentations and facilitation by faculty content experts. Pre-requisite: 8512
P1, P2	8708	Substances of Misuse	2	Miskle, B.	Emphasis on the most important themes and concepts in the field of substance use and treatment; drugs of misuse including stimulants, opioids, sedative-hypnotics, alcohol, hallucinogens, marijuana, and performance enhancing compounds; drug use prevention and treatment; depiction of substance use in modern culture.

P1, P2	8709	Pharmacist's Role in Health Coaching/Nutrition	2	Jacobsen, R.	Explores the role of pharmacists in health coaching and nutrition, particularly through interactions that can benefit patients with chronic diseases. Students will learn health coaching strategies, and interactive sessions are used to allow students to apply the practice of health coaching to patient cases via an active learning format. Clinical Nutritionists as guest instructors educate students on topics including the basis of nutrition, different "Fad Diets," and intuitive eating habits. Students will gain an appreciation of the importance of nutrition and health coaching for chronic disease management in patients.
P3	8712	Nonprescription Pharmacotherapy Self-Care	2	Veach, S.	Introduction to nonprescription medications; development of patient assessment and consultation skills; understanding of pharmacist's role in patient self-care.
P3	8718	Special Topics in Acute Care	2	Frye, J Zapeski, A.	These inpatient elective therapeutics course complements the overall therapeutics course series and emphasizes the use of drug therapy in a wide variety of hospital situations. It addresses the pharmacotherapy used in treating diseases, disorders, or syndromes, including a review of the disorder, therapeutic goals, treatment plans, patients counseling as appropriate, and monitoring patient outcomes. Students will learn how to assist other caregivers in the development of rational plan of drug therapy for a patient and to evaluate existing plans of therapy and suggest therapeutic alternatives when necessary. The course covers the pharmacotherapy associated with a wide variety of inpatient therapeutics topics. Although some topics from the regular therapeutics series may be reviewed, they will be covered in additional depth or presented in a more case-based format.
P3	8724	Health System Pharmacy Practice Management	2	Weetman, D.	Organizational structure of pharmacy departments in hospitals and health care systems; models for delivery of pharmaceutical care; pharmacy's role in drug-policy decision making; provision of drug information; clinical and distributive pharmacy services; control of pharmacy and pharmacy costs; use of information technology and automation for service delivery; supervisory management; quality improvement.
P3	8790	Sustainable Clinical Pharmacy Services	2	Finkelstein, R.	Practical knowledge and understanding of how to implement and sustain clinical pharmacy services in a variety of practice settings; how to identify outcomes to evaluate the success of ongoing services; students explore the perspective of leadership and management as it pertains to clinical pharmacy services.
P3	8794	Emergency Medicine & Toxicology	2	Faine, B.	Pharmacology in the world of emergency medicine and toxicology; students learn through lecture, case discussion, class participation, and evaluation of evidence-based medicine literature in emergency medicine and toxicology.
P1, P2	8795	Foundations of Palliative Care	2	Schmidt, M	Introduction to palliative care as a public health issue; exploration of the principles and practice of palliative care including interdisciplinary care of the whole person and family, communication, and self-care.
P1, P2	8796	Introduction to Travel Medicine	1	Abrons, J.	Overview of services provided to travelers to prevent and management conditions that may arise prior to, during, and after international travel; students learn about topics pertaining to each of these areas.

Subject to change