

New Elective Courses

1. **504. VETERINARY PHARMACOTHERAPY. 3 Cr.** Pathogenesis, diagnosis, and rational therapeutic approaches to the treatment of selective disease states in companion animals. Prerequisite: 3rd year pharmacy standing.
2. **506. PHARMACY LEADERSHIP I. 3cr.** Introduction to leadership styles and skills with application through simulated cases and role play of circumstances in the profession of pharmacy. Prerequisites: Second year pharmacy standing and/or consent of the coordinator.
3. **516. STERILE PRODUCTS. 3 Cr.** The theory and application of procedures used in the preparation of sterile products for intravenous and other sterile uses. Prerequisites: 2nd or 3rd year pharmacy standing.
4. **521. ADVANCED PHARMACOLOGY. 3 cr.** Cellular and molecular mechanisms of drug action. Prerequisites: 413, 414 or consent of Department Head.
5. **559. PHARMACY-BASED IMMUNIZATION DELIVERY. 3 Cr.** An innovative and active training program that provides the skills necessary to become a primary source for vaccine advocacy, education and administration. Prerequisite: 3rd year pharmacy standing.
6. **560. DEVELOPING AMBULATORY CARE SERVICES. 3 Cr** Teaches aspects of starting services and managing patient specific pharmacotherapy regimens in the ambulatory care setting. Prerequisite: 3rd year standing.
7. **561. WOMEN'S HEALTH AND THE PHARMACIST. 3 Cr.** Practical information necessary to provide optimal pharmaceutical care to women in a wide variety of practice settings. Includes both social and therapeutic issues. Emphasis placed on drugs in pregnancy/lactation. Prerequisite: 3rd year pharmacy standing.
8. **562. BASIC STRATEGIES FOR SCHOLARLY COMMUNICATION. 3 Cr.** The student will be responsible for producing professional level education material. The student will produce an article that will be submitted to a pharmacy journal along with a presentation to faculty over their research. Prerequisite: 3rd year pharmacy standing.
9. **563. SELECTED PSYCHIATRIC AND SUBSTANCE ABUSE DISORDER TOPICS. 3 Cr.** This course will expand the pharmacy students' exposure to selected topics in behavioral health including pharmacotherapy of selected psychiatric disorders. Prerequisite: 3rd year pharmacy standing.
10. **564. PHARMACOGENETICS. 3 Cr.** This course will provide students with basic concepts in pharmacogenetics and the role of inheritance on inter-individual variation in drug response. In addition, the class will provide students with an appreciation of how pharmacogenetic and pharmacogenomic fields impact pharmaceutical care. Prerequisites: Pharmacy 411, 412, and 432.