Courses

PYDI 4980 INTRODUCTION TO UNDERGRADUATE RESEARCH IN PHARMACY (1-3) IND. SU. Departmental approval. Individual problems course. Students will work under the direction of a faculty member on some problem of mutual interest. Course may be repeated for a maximum of 6 credit hours.

PYDI 9000/9006 DRUGS AND DISEASES I (5) LEC. 5. Integrated study of pathophysiology and chemical, pharmacological, biotechnology, and pharmacokinetic principles to explain the action of drugs. Fall.

PYDI 9010/9016 PATIENT CENTERED SKILLS (2) LEC. 2. Development of methods for developing positive, therapeutic relationships with patients through the application of communications skills (empathy, assertiveness training, effective listening, etc.) and other behavioral interventions. Fall.

PYDI 9020 CONTEMPORARY ASPECTS OF PHARMACY PRACTICE I (2) LAB. 6. This course integrates the skills necessary for the provision of pharmaceutical care. Source material introduces and integrates knowledge and skills focusing on patient assessment and communication. Fall.

PYDI 9100/9106 DRUGS AND DISEASES II (5) LEC. 5. Pr. PYDI 9000 or PYDI 9006 or PYDI 5000 or PYDI 5000. Presents, in an integrated manner, pathophysiology and chemical, pharmacological and biotechnology principles to explain the action of drugs; continuation of PYDI 9000/PYDI9006. Spring.

PYDI 9110/9116 PHARMACY LAW AND ETHICS (2) LEC. 2. Basic legal and ethical principles of pharmaceutical care and their effect on the patient drug use process. Spring.

PYDI 9120 CONTEMPORARY ASPECTS OF PHARMACY PRACTICE II (2) LAB. 6. Pr. PYDI 9020 or PYDI 5020. This course integrates pharmaceutical care skills. Source material introduces and integrates knowledge and skills focusing on pharmaceutical calculations, communication, physical assessment and use of clinical literature. Spring.

PYDI 9136 DRUG LITERATURE EVALUATION (2) DSL. 2. Development of the ability to effectively and efficiently retrieve drug information and critically evaluate and interpret studies published in medical and pharmaceutical literature. Spring.

PYDI 9140/9146 PRINCIPLES OF PHARMACOKINETICS (3) LEC. 3. Pr. PYDI 9000 or PYDI 9006 or PYDI 5000. To prepare students to use pharmacokinetic information and measurements to evaluate drug therapy and recommend appropriate dosing strategies for drug administration and monitoring. Spring.

PYDI 9200/9206 DRUGS AND DISEASES III (8) LEC. 8. Pr. (PYDI 9100 or PYDI 9106 or PYDI 5100) and (PYDI 9140 or PYDI 9146 or PYDI 5140). Presentation in an integrated manner of and pathophysiology chemical, pharmacological, biotechnology, and pharmacokinetic principles to explain the action of drugs. Continuation of PYDI 9100/PYDI 9106. Fall.

PYDI 9210/9216 PHARMACY PRACTICE DEVELOPMENT, MANAGEMENT, AND EVALUATION I (3) LEC. 3. Overview of the development, management, and evaluation of systems that support the provision of pharmaceutical care for patients in multiple health systems. Fall.

PYDI 9220 CONTEMPORARY ASPECTS OF PHARMACY PRACTICE III (2) LAB. 6. Pr. PYDI 9120 or PYDI 5120. Integrates the provision of pharmaceutical care and pharmacy-specific skills related to drug-related problems. Supportive skills for the pharmaceutical sciences and other integrated skills are a major emphasis. Fall.

PYDI 9230/9236 DRUG PRODUCTS I (3) LEC. 3. Pr. (PYDI 9100 or PYDI 5100 or PYDI 9106 or PYDI 5106) and (PYDI 9120 or PYDI 5120). Physical-chemical and biopharmaceutical principles and technologies used in the preparation of pharmaceutical dosage forms and novel drug delivery systems. Fall.

PYDI 9290 PHARMACY PRACTICE EXPERIENCE III (2) PRA. 2. SU. Pr. PYDI 9190 or PYDI 5190. Third in six-course sequence of introductory practice experience in which pharmaceutical care is provided to moderately complex community based patients.

PYDI 9300/9306 DRUGS AND DISEASES IV (8) LEC. 8. Pr. PYDI 9200 or PYDI 9206 or PYDI 5200. Presentation, in an integrated manner, of pathophysiology and chemical, pharmacological, biotechnology, and pharmacokinetic principles to explain the action of drugs. Continuation of PYDI 9200/PYDI 9206. Spring.
PYDI 9310/9316 PHARMACY PRACTICE DEVELOPMENT, MANAGEMENT, AND EVALUATION II (3) LEC. 3. Pr. PYDI 9210 or PYDI 9216 or PYPC 5210. An overview of the development, management, and evaluation of systems that support the provision of pharmaceutical care for patients in multiple health systems. Continuation of PYDI 9210/PYDI 9216. Spring.

PYDI 9320 CONTEMPORARY ASPECTS OF PHARMACY PRACTICE IV (2) LAB. 6. Pr. PYDI 9220 or PYDI 5220. Continuation of PYDI 9220. Spring.

PYDI 9330/9336 DRUG PRODUCTS II (3) LEC. 3. Pr. (PYDI 9230 or PYDI 9236 or PYPS 5230) and PYDI 9200 or PYDI 5200 or PYDI 9206 and PYDI 9220 or PYDI 5220. Physical-chemical and biopharmaceutical principles and technologies used in the preparation of pharmaceutical dosage forms and novel drug delivery systems. Continuation of PYDI 9230/PYDI 9236. Spring.

PYDI 9390 PHARMACY PRACTICE EXPERIENCE IV (2) PRA. 2. SU. Pr. PYDI 9290. Fourth in a six-course sequence of introductory practice experience in which pharmaceutical care is provided to moderately complex community based patients. Spring.

PYDI 9420 CONTEMPORARY ASPECTS OF PHARMACY PRACTICE V (2) LAB. 6. Continuation of PYDI 9320 Fall.

PYDI 9470 INTEGRATED PHARMACOTHERAPY I (6) RCT. 6. Application of the basic, clinical, and socio-behavioral sciences to identifying, preventing and solving health and drug related problems. Fall.

PYDI 9480 INTEGRATED PHARMACOTHERAPY II (6) RCT. 6. Continuation of PYDI 9470. Fall.

PYDI 9490 PHARMACY PRACTICE EXPERIENCE V (2) PRA. 2. SU. Pr. PYDI 9490. Fifth in a six-course sequence of introductory practice experiences in which pharmaceutical care is provided to increasingly complex community based patients along with patient care team management responsibilities. Fall.

PYDI 9510 GERIATRIC CARE (2) LEC. 25. This course focuses on environmental, psychological, and physiological characteristics that are unique to, or more prevalent among, geriatric patients. Students will be required to evaluate how pharmacists can impact care through interprofessional teams while optimizing the patient's quality of life.

PYDI 9520 CONTEMPORARY ASPECTS OF PHARMACY PRACTICE VI (2) LAB. 6. Pr. PYDI 9420 or PYDI 5420. Continuation of PYDI 9420.

PYDI 9570 INTEGRATED PHARMACOTHERAPY III (6) RCT. 6. Pr. PYDI 5480 or PYDI 9480. Continuation of PYDI 9480. Spring.

PYDI 9580 INTEGRATED PHARMACOTHERAPY IV (6) RCT. 6. Pr. PYDI 5480 or PYDI 9480. Continuation of PYDI 9570. Spring.

PYDI 9590 PHARMACY PRACTICE EXPERIENCE VI (2) PRA. 2. SU. Pr. PYDI 9490 or PYDI 5490. Sixth in a six-course sequence of introductory practice experiences in which pharmaceutical care is provided to increasingly complex community based patients along with patient care team management responsibilities. Spring.

PYDI 9600 DRUG INFORMATION-SELECTIVE (5) PRA. 5. Advanced practice experience in providing drug information services to health care providers. Fall, Spring, Summer.

PYDI 9610 COMMUNITY PHARMACEUTICAL CARE (5) PRA. 5. Advanced Practice Experience in a community pharmacy practice setting that provides pharmaceutical care services such as disease management and other advanced patient care activities. Fall, Spring, Summer.

PYDI 9620 MEDICINE I (5) PRA. 5. Advanced practice experience in providing Inpatient Pharmaceutical Care. Fall, Spring, Summer.

PYDI 9630 MEDICINE II - SELECTIVE (5) PRA. 5. Advanced practice experience in providing Inpatient Pharmaceutical Care. Additional experience beyond PYDI 9620. Fall, Spring, Summer.

PYDI 9640 PRIMARY/AMBULATORY CARE I (5) PRA. 5. Advanced practice experience in providing care to patients as they initially access the health care system. Fall, Spring, Summer.

PYDI 9650 PRIMARY/AMBULATORY CARE II (5) PRA. 5. Advanced practice experience in providing pharmaceutical Care to patients as they initially access the health care system. Continuation of PYDI 9640. Fall, Spring, Summer.

PYDI 9660 HEALTH SYSTEM PRACTICE (5) PRA. 5. Advanced practice experience in a health system setting that prepares the student to adapt and function within systems of integrated pharmaceutical care services. Fall, Spring, Summer.

PYDI 9670 PRACTICE ELECTIVE I (5) PRA. 5. Elective experience in an advanced practice experience setting in which the student establishes personal learning goals and responsibilities. Fall, Spring, Summer.
PYDI 9680 PRACTICE ELECTIVE II (5) PRA. 5. Elective experience in an advanced practice experience setting in which the student establishes personal learning goals and responsibilities. Fall, Spring, Summer.

PYDI 9690 PROFESSIONAL SEMINAR (1) PRA. 2. SU. Student will demonstrate the ability to evaluate and synthesize pertinent literature, and effectively communicate pharmacotherapy-related material in one platform (seminar) presentation. Spring.

PYDI 9700 ADVANCED PRACTICE EXPERIENCE PROFESSIONAL COMMUNICATION (0) PRA. SU. Students will synthesize pertinent literature, and communicate pharmacotherapy-related material in patient, journal club, in-service, and written presentations. Spring.


PYDI 9720/9726 MOTIVATIONAL INTERVIEWING (2) LEC. 2. Pr. PYDI 9010 or PYDI 9016 or PYPC 5010 or PYPC 5016. Basic and advanced training and exploration of motivational interviewing. Fall

PYDI 9730/9736 DRUGS IN PREGNANCY (2) LEC. 2. Medication issues related to pregnancy and lactation. Fall.

PYDI 9740/9746 PEDIATRIC PHARMACOTHERAPY (2) LEC. 2. Medication issues related to the pediatric population. Fall.

PYDI 9750/9756 ANTITHROMBOTIC/THROMBOLYTIC THERAPY (2) LEC. 2. Provides the student with a working knowledge of both basic and advanced pharmacotherapeutics issues related to antithrombotic and thrombolytic therapy. Spring.

PYDI 9770/9776 WOMEN'S HEALTH ISSUES (2) LEC. 2. Understanding factors that affect women's premature morbidity and mortality.

PYDI 9780/9786 ACUTE CARE PHARMACOTHERAPY (2) LEC. 2. This course is designed to orient the pharmacy student to the acute care environment and familiarize them with patient disease states and pharmacotherapy associated with the acutely ill patient. Spring.

PYDI 9790/9796 PSYCHIATRIC PHARMACOTHERAPY (2) LEC. 2. To expose pharmacy students to psychiatry and to develop a working knowledge of both basic and advanced pharmacotherapeutic issues related to psychopharmacology. Spring.

PYDI 9800 SURVEY OF MULTI-MODALITY MOLECULAR IMAGING FOR PHARM.D. (2) LEC. 2. State-of-the-art survey of molecular imaging techniques and clinical imaging modalities that are available and their use to monitor the progression of various human diseases.

PYDI 9810/9816 EVIDENCE-BASED PHARMACOTHERAPY (2) LEC. 2. Student pharmacists will become more proficient at literature evaluation and application of evidence-based pharmacotherapy/medicine to patient care. Spring.

PYDI 9960/9966 SPECIAL PROBLEMS IN PHARMACY (1-3) IND. Independent study of problems related to pharmacy under the direction of a faculty member. Departmental approval. Fall. Spring. Course may be repeated for a maximum of 6 credit hours.

PYDI 9970/9976 SPECIAL TOPICS IN PHARMACY (2) LEC. 2. Instruction and discussion in a selected current topic in Pharmacy. Fall, Spring. Course may be repeated for a maximum of 4 credit hours.