

First Term

INTEGRATED PHARMACOTHERAPY IV (PHRP 501)

Course Description

This course reviews the pharmacotherapy of various diseases with a primary focus on applying knowledge gained from other courses in order to be able to construct safe and effective evidence-based pharmaceutical care for patients with such disease states and to understand the rationale of selecting appropriate drug regimens. Therapeutic topics, practice guidelines, and case studies will be used to provide Pharm.D. students with the opportunity to apply these skills in various pharmacy practice settings.

PHARMACY MANAGEMENT AND ECONOMICS (PHRP 504)

Course Description:

This course will focus on management principles and skills and pharmacoeconomics analysis that the pharmacist should learn. The course will present the management principles and pharmacoeconomics analysis and will discuss implementation with an interactive selected management and/or pharmacoeconomic project under the supervision of the expert faculty or administrators in the university, hospital or community.

PHARM.D RESEARCH (PHRP 505)

Course Description:

This Course along with the designated research faculty will guide the student through a step by step on how to conduct the approved research proposal submitted at the end of (PHRP 411). This effort is expected to culminate by a final report within eight months from enrollment, namely by the end of week 7 of the third semester. Any extension beyond this period needs to be approved by the research faculty, followed by an endorsement from the Student Research Unit. The satisfactory conclusion of the research project may not extend beyond the end of the summer of the academic year. The Course is considered fulfilled only upon the acceptance of the Research Unit of the final report as meeting all academic and scholastic standards as stated in the syllabus.

INTRODUCTORY PHARMACY PRACTICE EXPERIENCE III (PHRP 5000)

Course Description:

An Overview of the IPPE Curriculum:

In the third professional year, students of IPPE-III (PHRP 500) will be assigned to operation (inpatient and outpatient) and clinical (Drug information and counseling) sites for a longer period of time up to 2-3 weeks each. The student will perform all the pharmacists' tasks under the strict supervision of a pharmacist. There is no limitation to what they can do under supervision as long as it does not violate local laws and hospital regulations.

Second Term

INTEGRATED PHARMACOTHERAPY V (PHRP 502)

Course Description

This course reviews the pharmacotherapy of various diseases with a primary focus on applying knowledge gained from other courses in order to be able to construct safe and effective evidence-based pharmaceutical care for patients with such disease states and to understand the rationale of selecting appropriate drug regimens. Therapeutic topics, practice guidelines, and case studies will be used to provide Pharm.D. students with the opportunity to apply these skills in various pharmacy practice.

PHARMACOGENETICS/PHARMACOGENOMICS (PHRP 506)

Course Description:

This course will introduce emerging information regarding genetic variation in the human genome and how this information can be applied to the fundamental precepts of pharmacokinetics (absorption, metabolism, distribution, and excretion) and pharmacodynamics as well as applied pharmacotherapy. Moreover, the impact of genetic variation on disease susceptibility and next generation drug discovery and development will be explored. Finally, important ethical considerations when testing for and applying clinically-relevant genetic information will be discussed.

SEMINAR (PHRP 507)

Course Description:

The "Seminar course PHRP- 507 is a two credit hour course conducted the second semester of professional year 3. This course is designed to help students develop skills necessary for answering clinical and controversial questions that are related to the practice. These skills include; literature search, critical appraisal for published articles and selection of the strongest evidence in support of the evidence based practice approach.

The student chooses one of the listed topics in this syllabus and prepares his/her seminar under the supervision of the topic content expert faculty member.

MEDICATION THERAPY MANAGEMENT (PHRP 508)

Course Description:

This course is intended to introduce student pharmacists to the Medication Therapy Management (MTM) core concepts. Students will utilize the knowledge gained in the Therapeutics, Patient Assessment Skills, Communication Skills, and Literature Evaluation courses to provide comprehensive MTM services for a wide variety of disease states.

Third Term

INTEGRATED PHARMACOTHERAPY VI (PHRP 503)

Course Description

This course reviews the pharmacotherapy of various diseases with a primary focus on applying knowledge gained from other courses in order to be able to construct safe and effective evidence-based pharmaceutical care for patients with such disease states and to understand the rationale of selecting appropriate drug regimens. Therapeutic topics, practice guidelines, and case studies will be used to provide PharmD students with the opportunity to apply these skills in various pharmacy practice settings.

AMBULATORY CARE (PHRP 509)

Course Description:

This one credit hours course aims to increase the students' knowledge of disease states commonly encountered in the adult ambulatory care patient and enhance their ability to apply the knowledge learned in integrated pharmacotherapy courses. Through a team-based learning environment, students will develop active learning, critical thinking, and communication skills that are essential for their professional development. Students will be exposed throughout this course to various ambulatory care settings and explore the policies and procedures related to the ambulatory care pharmacy practice in general.

PHARMACY LAW (PHRP 511)

Course Description:

This course will focus on the most significant regulations pertaining to the practice of pharmacists in Saudi Arabia. Such regulations have been compiled from published rules and declarations by the Royal Authority, Saudi Food and Drug Administration (SFDA), the Ministry of Health, the Saudi Commission for Health Specialists, and the Gulf Cooperation Council (GCC) Guidance. The course will also provide a brief review of professional ethics and of the American Federal law that may have partially influenced the enactment of these regulations.

The language of instruction will be in English and in Arabic as presented in the lectures schedule.

INTRODUCTORY PHARMACY PRACTICE EXPERIENCE COMMUNITY (PHRP 520)

Course Description:

This is a ten weeks; 160 practical hours course. Each student will be assigned to a community pharmacy for ten weeks training period. The student will function as a trainee under the immediate supervision of a licensed pharmacist. He/she should carry out all the professional functions and services the pharmacist assigns him/her to render within the community pharmacy.