

School			
Major	Doctor of Pharmacy		
Major Requirements			
Code	Title	Credits	Description
PHAR710	Advanced Pharmacy Practice Experience (Community)	2	<p>The Advanced Community Pharmacy Practice Experience provides an active participation for the PharmD candidates to acquire practice skills in the area of patient care by applying the knowledge gained from the B.S. program. The community practice is going to be based on the student’s judgment, confidence and responsibility needed for collaborative community pharmacy practice.</p> <p>This is a four-week required advanced pharmacy practice experience in a community pharmacy setting which is going to be assigned from the university that focuses the student experience on providing patient care services as disease management, medication therapy management, preventative health screening, and patient education.</p>
PHAR711	Advanced Pharmacy Practice Experience (IM)	4	<p>The “Internal Medicine” Advanced pharmacy practice experience is a 4-week clinical rotation that provides students with experiences in the pharmacotherapeutic management of adult patients with common acute and chronic medical illnesses. The course activities focus on developing skills related to assessment and drug therapy management of hospitalized patients in an internal medicine environment.</p>
PHAR712	Advanced Pharmacy Practice Experience (CCU)	4	<p>The “Cardiac care unit” Advanced pharmacy practice experience is a 4-week clinical rotation that provides students with experiences in the pharmacotherapeutic management of patients with common cardiovascular diseases. The course activities focus on developing skills related to assessment and drug therapy management of hospitalized patients in a cardiac care unit environment.</p>
PHAR713	Advanced Clinical Pharmacokinetics	2	<p>Clinical Pharmacokinetics promotes the continuing improvement of drug therapy, and accompanies the progression and development of advanced pharmacy practice experiences for both clinical pharmacology and pharmaco-therapeutics. The Advanced Clinical Pharmacokinetics course will emphasize on adjusting dosage regimen and patient monitoring with respect to plasma drug levels, efficacy, adverse events, drug interactions, and disease and population interactions.</p> <p>The course is designed to provide the student with exposure to the application of pharmacokinetics and pharmacodynamics principles as they apply to specific drug classes in various clinical situations. Each chapter will point out the use of mathematical principles to predict drug disposition in individual patients. Moreover, it will underline the relationship between the clinical effects, adverse effects, as well as the time-concentration-effect relationships</p>
PHAR715	PharmD Project Part I	3	<p>The PharmD Project Part I course is directed to empower the research capacities of the PharmD students. The main purpose of this course is to introduce students to quantitative and qualitative methods for conducting meaningful inquiry and research. Students will gain an overview of research intent and design, methodology and technique, format and presentation, and data management and analysis informed by commonly used statistical methods. The course will develop each student’s ability to use this knowledge to become more effective as clinical pharmacists. The course will provide an overview of the important concepts of research design, data collection, statistical and interpretative analysis.</p>
PHAR760	Advanced Pharmacy Practice Experience (ICU)	4	<p>The “Intensive care unit” Advanced pharmacy practice experience is a 4-week clinical rotation that provides students with experiences in the pharmacotherapeutic management of patients with common critical illnesses. The course activities focus on developing skills related to assessment and drug therapy management of hospitalized patients in an intensive care unit environment.</p>

PHAR761	Advanced Pharmacy Practice Experience (Elective I)	2	<p>The “Elective I” Advanced pharmacy practice experience is a 4-week clinical rotation that provides students with experiences in the pharmacotherapeutic management of patients. The course activities focus on developing skills related to assessment and drug therapy management of patients. The PharmD candidate chooses one of the following elective rotations:</p> <ul style="list-style-type: none"> • Emergency department • Oncology unit • Infectious diseases • Substance abuse/ Addiction • Geriatrics • Psychiatry • Primary care center
PHAR762	Advanced Pharmacy Practice Experience (Pediatrics)	4	<p>The “Pediatrics” Advanced pharmacy practice experience is a 4-week clinical rotation that provides students with experiences in the pharmacotherapeutic management of patients with common pediatric illnesses. The course activities focus on developing skills related to assessment and drug therapy management of hospitalized patients in a pediatric unit environment.</p>
PHAR763	Advanced Pharmacy Practice Experience (Elective II)	2	<p>The “Elective II” Advanced pharmacy practice experience is a 4-week clinical rotation that provides students with experiences in the pharmacotherapeutic management of patients. The course activities focus on developing skills related to assessment and drug therapy management of patients. The PharmD candidate chooses one of the following elective rotations:</p> <ul style="list-style-type: none"> • Emergency department • Oncology unit • Infectious diseases • Substance abuse/ Addiction • Geriatrics • Psychiatry • Primary care center
PHAR765	PharmD Project Part II	3	<p>The purpose of the PharmD Project II course is to introduce students to the process of research by participation in supervised pharmacy-related research. This opportunity will also allow the student to explore career opportunities in research. The student will participate in research under the supervision of a School of Pharmacy faculty member. Research experience will not only benefit a student that is pursuing a career in this field, but will also provide all students with critical-thinking, analytical and lifelong learning skills, which will enable them to handle challenges and situations as they arise.</p>