

PHARMACOLOGY (PMC)

PMC 610 Intro Pharmacology	3 Credit hours	
Grade Mode: Normal Grading Mode		
PMC 615 Pharmacology Reviews	1 Credit hour	
Grade Mode: Normal Grading Mode		
PMC 620 Medical Pharmacology	8 Credit hours	
An introduction to the basic concepts of drug actions and therapeutic principles governing drug therapy. Emphasis is placed on general mechanisms, therapeutic uses and toxicity of prototypic drugs.		
Pre-req: BIC 620.		
Grade Mode: Normal Grading Mode		
PMC 621 Medical Pharmacology I	6 Credit hours	
This course will encompass the core pharmacology concepts as well as drugs used in the treatment of infectious diseases, cancer, hematological matters, nervous system agents and cardiovascular drugs.		
Pre-req: BMS 600.		
Grade Mode: Normal Grading Mode		
PMC 622 Medical Pharmacology II	2 Credit hours	
This course will encompass the core pharmacology concepts as well as drugs used in the treatment of pulmonary, gastrointestinal, endocrine, renal, and musculoskeletal diseases, drugs specific for mens and womens health, dermatological agents, and toxicology.		
Pre-req: BMS 600.		
Grade Mode: Normal Grading Mode		
PMC 625 Drug Metabolism	3 Credit hours	
Topics will include a discussion of the metabolizing enzymes, enzyme induction and inhibition, toxic metabolites, prodrugs, metabolic disorders and analytical methods for studying drug metabolism.		
Grade Mode: Normal Grading Mode		
PMC 630 Chem Aspects Pharmacology	3 Credit hours	
An introduction to the chemical principles of pharmacology. The chemical classification, acid-base chemistry and stereochemical properties of drugs and the reactivity of drugs with biological systmes will be discussed.		
Grade Mode: Normal Grading Mode		
PMC 633 Vistas in Pharmacology	3 Credit hours	
Pre-req: PMC 620.		
Grade Mode: Normal Grading Mode		
PMC 635 Neuropharmacology	3 Credit hours	
A study of the actions of drugs on the nervous system.		
Pre-req: BMS 600.		
Grade Mode: Normal Grading Mode		
PMC 639 Neuropharm Res Tech	3 Credit hours	
Class participants will be exposed to state-of-the-art neuropharmacology research techniques while in the laboratories of neuropharmacology faculty.		
Grade Mode: Credit/No Credit Grade Only		
PMC 640 Behavioral Pharmacology	3 Credit hours	
Behavioral methods for assaying drug action.		
Pre-req: PMC 635.		
Grade Mode: Normal Grading Mode		
PMC 643 Intro Cardiopulmonary Pharm	3 Credit hours	
A general overview of the principles of pharmacology and the mechanisms and effects of cardiovascular and respiratory drugs.		
Grade Mode: Normal Grading Mode		
PMC 645 Adv Cardiopulmonary Pharm	3 Credit hours	
An indepth presentation of pharmacological aspects of cardiovascular and pulmonary systems. Current knowledge, principles and methods used in cardiopulmonary research will be discussed.		
Pre-req: PMC 620 or PMC 643.		
Grade Mode: Normal Grading Mode		
PMC 650 General Toxicology	3 Credit hours	
Pre-req: PMC 620.		
Grade Mode: Normal Grading Mode		
PMC 655 Toxicology Reviews	1 Credit hour	
This course will provide a presentation and discussion of current literature in the area of toxicology. Fundamental principles and new discoveries will be emphasized.		
Grade Mode: Normal Grading Mode		
PMC 675 Special Topics	1-4 Credit hours	
Present course material on special areas of research or topics which are not routinely covered in esisting courses.		
Grade Mode: Normal Grading Mode		
PMC 676 Special Topics	1-4 Credit hours	
Grade Mode: Normal Grading Mode		
PMC 677 Special Topics	1-4 Credit hours	
Grade Mode: Normal Grading Mode		
PMC 720 Medical Pharmacology	8 Credit hours	
Grade Mode: Normal Grading Mode		
PMC 780 Elective Special Projects	1 Credit hour	
Grade Mode: Normal Grading Mode		
PMC 785 Clinical Pharmacology	1-18 Credit hours	
Independent Study of Pharmacology		
Grade Mode: Pass/Fail Grading Mode		
PMC 868 PMC Externship	1-18 Credit hours	
Out-of-State Externship		
Grade Mode: Pass/Fail Grading Mode		