

PHARMACOLOGY (PHRM)

Courses

PHRM 501. Pharmacology and Therapeutics SD. 4 Units.

Principles of drug action: drug receptors, absorption and fate of drugs, drug toxicity, and drug development. Systematically considers the pharmacology and clinical applications of the major drugs used by dental patients. Simulations illustrating the effects of drugs in animals and man.

PHRM 503. Clinical Pharmacology in Dentistry. 2 Units.

Review of medications used for the treatment of common medical disorders, and their effect on the management of the dental patient—including the use of local anesthetics, antibiotics, and analgesics.

PHRM 515. Medical Pharmacology. 6 Units.

Applies basic sciences to the selection of optimal pharmacologic and nonpharmacologic therapies. Introduction to fundamental principles of pharmacology, including pharmacodynamics and pharmacokinetics. Emphasizes drug mechanism of action, mechanism of side effects, patient-specific factors, and drug indications. Provides opportunities for self-directed learning, team building, and interdisciplinary team-based patient care.

PHRM 554. Neuropharmacology. 4 Units.

Systematically discusses drugs that affect primarily the nervous system, with major emphasis on mechanism of action.

PHRM 564. Cardiovascular and Renal Pharmacology. 3 Units.

Systematically discusses drugs that affect primarily the cardiovascular and renal systems, emphasizing mechanism of action. Offered on demand.

PHRM 584. Drug Metabolism and Biochemical Pharmacology. 4 Units.

Discusses in detail the fate of drugs in the body, together with related aspects of biochemical actions of drugs.

PHRM 684. Special Problems in Pharmacology. 2-6 Units.

Assignments in literature reviews and/or laboratory exercises.

PHRM 697. Research. 1-6 Units.

PHRM 699. Dissertation. 1-6 Units.

PHRM 891. Pharmacology Elective. 1.5-27 Units.

Offers fourth-year medical students the opportunity to explore various areas of pharmacology, including research.