

Applied Pharmacology

3 Credits

This course focuses on the essential principles of applied pharmacology. Students will integrate core concepts of pharmacology, physiology, and psychology to understand the clinical application of commonly used medications. The concept of polypharmacy in relation to therapeutic and adverse effects, and dosing principles will be critically analyzed. The course examines pharmacology with a focus on major areas of therapeutic drug use to include cardiovascular, respiratory, renal, central nervous system/psych, infectious diseases, endocrine, reproductive, gastrointestinal, musculoskeletal, and oncology. Non pharmacologic and alternative therapies for symptom management are part of the comprehensive health assessment and the nursing care plan.