



### **Course Description:**

#### **PAS3075 | Pharmacotherapeutics | 4.00 credits**

This is the second course in the sequence PAS1823, 1830. It is the study of the use of drugs to treat disease, including contraindication and incompatibilities; drug interactions; side effects and their treatment, and dosages and calculations. Prerequisites: HSA2532, PAS1801C, 1811C, 1812, 1813, 1822C, 1823

### **Course Competencies:**

**Competency 1:** The student will analyze patient- and population-specific data to manage the medication use process for identifying, preventing, reporting, and managing medication errors and adverse drug events to optimize patient outcomes by:

1. Comparing and contrasting risk factors for adverse drug events
2. Reducing the incidence of critical incidents by appraising potential drug interactions

**Competency 2:** The student will effectively manage medication knowledge, mitigate errors, and support decision-making using appropriate information sources and technology by:

1. Integrating the best evidence with clinical skills and knowledge of patient needs and values for optimal care

### **Learning Outcomes:**

- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information