



## **Course Description**

### **PAS1820C | Clinical Medicine 2 for PAs | 5.00 credits**

This is the second course in the sequence PAS1811, 1820. It focuses on signs, symptoms, and pathophysiology of common diseases of all ages. Prerequisites: PAS1801C, 1811, 1824, 1830

### **Course Competencies:**

**Competency 1:** The student will have a comprehensive understanding of the signs, symptoms, and pathophysiology of common diseases, identifying and interpreting the signs and symptoms associated with a wide range of common diseases affecting individuals of all ages by:

1. Analyzing the underlying pathophysiological mechanisms and disease processes to comprehend their impact on the human body
2. Evaluating the manifestations of common diseases to develop a comprehensive understanding of their clinical presentation and progression
3. Analyzing the signs and symptoms of common diseases to establish a foundation for clinical recognition and diagnosis
4. Describing the pathophysiological mechanisms underlying common diseases to comprehend their impact on physiological function
5. Evaluating case studies to identify the correlation between signs, symptoms, and pathophysiology in real-life scenarios

### **Learning Outcomes:**

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Demonstrate knowledge of diverse cultures including global and historical perspectives

**Competency 2:** The student will learn the application of diagnostic skills and techniques in assessing common diseases by:

1. Applying diagnostic skills and techniques to recognize and differentiate the signs and symptoms of various common diseases
2. Utilizing diagnostic tools and technologies to assess the manifestations and progression of common diseases across different age groups
3. Integrating theoretical knowledge with practical application to develop proficiency in diagnosing common diseases
4. Demonstrating the ability to recognize and differentiate the signs and symptoms of common diseases through simulated case scenarios
5. Utilizing diagnostic tools such as imaging techniques and laboratory tests to assess disease manifestations and progression
6. Employing critical thinking and diagnostic reasoning to formulate differential diagnoses based on observed signs and symptoms
7. Understanding the Impact of Age on Disease Presentation and Management
8. Exploring the influence of age-related factors on the presentation and management of common diseases
9. Analyzing the unique clinical manifestations and treatment considerations for common diseases in different age groups
10. Evaluating the implications of age-related pathophysiological changes on disease progression and response to treatment

### **Learning Outcomes:**

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Demonstrate knowledge of diverse cultures including global and historical perspectives

**Competency 3:** The student will examine case studies to understand the age-specific variations in the presentation and management of common diseases by:

1. Comparing and contrasting the clinical manifestations of common diseases across different age groups to identify age-related patterns
2. Developing age-appropriate management strategies for common diseases based on an understanding of age-related pathophysiological changes

**Learning Outcomes:**

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Demonstrate knowledge of diverse cultures including global and historical perspectives