



### **Course Description**

#### **BSC2020 | Human Biology: Fundamentals of Anatomy/Physiology | 3.00 credits**

This course provides a basic understanding of the human body, its systems, and their functions. It includes the dynamics of physiology, terminology, and physiological relationships of the body systems.

### **Course Competencies:**

**Competency 1:** The student will understand the human body systems, identifying the major systems of the human body and describing their primary functions by:

1. Explaining the interdependence and interactions between different body systems
2. Analyzing the impact of homeostasis on the overall functioning of the human body

**Competency 2:** The student will demonstrate knowledge of physiological terminology by:

1. Defining and utilizing key physiological terms and concepts accurately
2. Interpreting medical documentation and reports using appropriate physiological terminology
3. Demonstrating the ability to communicate effectively using physiological language in both written and verbal forms

**Competency 3:** The student will analyze physiological relationships by:

1. Investigating the cause-and-effect relationships between physiological processes within the human body
2. Evaluating the impact of external factors on the physiological functioning of the human body
3. Illustrating the interconnectedness of various body systems in maintaining overall health and well-being

### **General Education Learning Outcomes:**

- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Describe how natural systems function and recognize the impact of humans on the environment