



### **Course Description**

**ATE1211 | Animal Physiology | 3.00 credits**

This course is designed to explore the terminology related to animal physiology, in addition to all aspects of the functions of systems in small and large animals.

### **Course Competencies:**

**Competency 1:** The student will demonstrate an understanding of the physiologic processes that occur in veterinary patients by:

1. Listing and identifying the types of tissues and individual organs that make up specific body systems
2. Explaining the function of each major organ
3. Explaining the interactions of organ systems within the body
4. Using correct terminology when discussing physiologic processes

**Competency 2:** The student will demonstrate the ability to compare and contrast the major physiologic differences among the domestic animal species seen in veterinary practice by:

1. Describing the individual physiologic characteristics of various animal species
2. Identifying and assessing the normal physiologic parameters for domestic animals, including dogs, cats, horses, pigs, and ruminants

### **Learning Outcomes**

- Solve problems using critical and creative thinking and scientific reasoning
- Describe how natural systems function and recognize the impact of humans on the environment