

### **ANTH 4423: Bone Biomechanics**

#### **3 Credit Hours**

*Prerequisite: ANTH 3320*

This course examines the mechanical properties of our skeletal organ system. The study of skeletal biology and biomechanics allow anthropologists to understand the function of the skeleton and how it can be used to interpret the lifeways of past peoples. Research from this field is key to the study of paleopathology, prehistoric subsistence strategies, locomotion, and bone trauma.

### **ANTH 4424: Paleopathology: Health and Disease in Ancient Populations**

#### **3 Credit Hours**

*Prerequisite: ANTH 2223 or BIOL 2251*

This course introduces students to the identification and interpretation of skeletal evidence for disease, the literary evidence for ancient medicine, and current clinical literature on disease from an anthropological perspective.

### **ANTH 4425: Historical Archaeology**

#### **3 Credit Hours**

*Prerequisite: ANTH 3305*

The course introduces students to methods and issues in American historical archeology. Particular emphasis is placed upon archaeological methods and documentary research, changing gender roles, ethnicity, and technological innovations. Case studies will focus on the South but other regional contexts may also be included.

### **ANTH 4430: Environmental Anthropology Field Methods**

#### **3 Credit Hours**

This course exposes students to the field of environmental anthropology as they experience fieldwork in the natural environments of Georgia. The intensive field methods and research approaches in this course allow students to learn how to work as part of an anthropological research team as they examine and evaluate global research issues in environmental anthropology at the local and regional level. The course includes topical lectures, field methods, lab analysis, and interactive team projects.