

### **ASIA 4517: Tea Cultures in Asia**

#### **3 Credit Hours**

*Prerequisite: ENGL 1102*

The course explores the significance of tea to Asians, and demonstrates how and why tea becomes such an important social beverage in Asia. Students have the opportunity to gain a deeper understanding and appreciation of Asian cultures and customs.

### **ASTR 1000K: Introduction to the Universe**

#### **4 Credit Hours**

*Prerequisite: MATH 1111*

Students will learn the history of astronomy up to the Copernican Revolution including Galileo, Kepler, and Newton. They will also explore the workings of modern telescopes and study an overview of the solar system and the search for extra-solar planets. In the lab students will use planetarium simulation software to explore the concepts and methods of observational astronomy.

### **ASTR 1010K: Introduction to the Universe II**

#### **4 Credit Hours**

*Prerequisite: MATH 1111*

Students will learn the structure and life cycle of stars and the classification of galaxies. They will also explore cosmology and the early development of the universe. In the lab students will use planetarium simulation software to explore the concepts and methods of observational astronomy.

### **BIOL 1011K: Introductory Biology and Lab**

#### **4 Credit Hours**

An introduction to fundamental unifying principles in biology. Topics covered in the course include: chemistry of life, cell structure and membranes, cellular functions (metabolism, respiration, photosynthesis, communication, and reproduction), genetics (inheritance patterns, DNA structure and function, gene expression, and biotechnology), and evolution. This course involves both lecture and lab components. Biology 1011K is designed for non-STEM students and is not allowed for STEM majors.

This course is managed through the cooperative academic agreement known as eCore.