

# RGSC-RANGE SCIENCE (RGSC)

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## **RGSC 1110. The Range Science Profession**

### **1 Credit (1)**

Introduction to scientific disciplines and career opportunities in rangeland science and management.

#### **Learning Outcomes**

1. To introduce students to the Range Science program and to a variety of career opportunities in Range Science.
2. To develop an individualized course curriculum that prepares the student to achieve their career goals.
3. To examine opportunities to gain practical work experience through internships and cooperative employment.

## **RGSC 2110. Introduction to Rangeland Management**

### **3 Credits (3)**

This course covers the principles of managing and understanding pasture and rangelands. Plant physiology and ecology, plant communities and rangeland sustainability and how they relate to livestock production and wildlife management will be discussed. Restricted to: Main campus only.

#### **Learning Outcomes**

1. Understand rangeland management operations.
2. Identify rangeland plants.
3. Gain a perspective of watershed management.
4. Discuss the management of rangeland resources.
5. Understand the process of rangeland evaluation through a broad understanding of monitoring and production of these rangelands.
6. Gain a perspective of the correlation of rangelands and the economic principles guiding resource management.
7. Understand the process of rangeland condition.
8. Understand the concepts of stocking rates and usage of rangelands.
9. Gain a broad perspective of different classes of land ownership; Tribal, federal, private and state.
10. Recognize vegetative communities, ecological sites, plant physiology and application to rangeland management considerations.

## **RGSC 2996. Special Topics**

### **1-4 Credits**

Specific subjects and credits announced in the Schedule of Classes.

Maximum of 4 credits per semester and a grand total of 9 credits.

#### **Learning Outcomes**

1. Varies