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## Associate of Applied Science NATURAL RESOURCES— RANGE ECOLOGY MANAGEMENT

This program is designed to provide entry-level skills for employment with the National Park Service or with other state and federal natural resource agencies. In addition, when you complete this program, you will have obtained the necessary courses to transfer to a four-year program to further pursue a degree in the field of range ecology.

### **GENERAL EDUCATION (46 CRS)**

#### **Communications (9)**

- ENG 111 English Composition I (3)
- ENG 116 Technical Writing (3)
- SPCH 130 Public Speaking (3)

#### **Math/Computers/Lab Sciences (29)**

- BIOL 201/L Principles of Molecular and Cell Biology with lab (4)
- BIOL 202/L Principles of Genetics with lab (4)
- CHEM 121/L General Chemistry I with lab (4)
- ES 112/L Introduction to Environmental Science I with lab (4)
- GEOL 101/L Physical Geology with lab (4)
- BCIS 102 Computer Literacy (3)
- MATH 145 Introduction to Probability and Statistics (3)
- MATH 150 College Algebra (3)

#### **Area IV: Social/Behavioral Sciences (6)**

Electives from pages 25-26 (6)

#### **Area V: Humanities and Fine Arts (3)**

- PHIL 220 Ethics (3)

#### **Health, Physical Education & Recreation (1 cr)**

Electives (1)

### **PROGRAM REQUIREMENTS (20 CRS)**

- ES 134 OSHA Health/Safety (3)
- ES 120 Forest and Range Ecology (3)
- ES 203 Introduction to GIS/GPS and Cartography (3)
- ES 210 Soil Management and Fertility (3)
- ES 210L Soil Management and Fertility Lab (1)
- ES 217 Rangeland Management (3)
- ES 250 Watershed and Hydrology Management (3)
- ES 299 Practicum in Environmental Science (1)

**TOTAL CREDITS 68**