Associate of Applied Science
NATURAL RESOURCES MANAGEMENT 2012-2014

This program is designed to provide entry-level skills for employment with state and federal natural resource management agencies. In addition, when you complete this program, you will have completed the coursework needed to either transfer to a four-year program to pursue a degree in the field of range ecology or continue towards Northern’s Bachelor of Science degree in Environmental Science with a concentration in natural resource management.


Area I. Communications (9 cr)
- ENG 111 English Composition I (3)
- ENG 116 Technical Writing (3)
- SPCH 130 Public Speaking (3)

Area II and III. Mathematics/Computers/Laboratory Science (29 cr)
- BIOL 202/L Principles of Genetics with lab (4)
- BIOL 203/L Ecology and Evolution 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 cr)

Area V. Humanities and Fine Arts (6 cr)
- HUM 100 FYE: History and Culture of Northern New Mexico (3)
- PHIL 220 Ethics (3)

Area VI. Library Technology (1 cr)
- LT 101 Library Research Skills (1)

PROGRAM REQUIREMENTS (20 CR)
- ES 103 Introduction to Natural Resource Mgmt & Science (3)
- ES 120 Forest and Range Ecology (3)
- ES 203 Introduction to GIS/GPS and Cartography (3)
- ES 211 Introduction to Soil Science and Management (3)
- ES 211L Introduction to Soil Science and Management Lab (1)
- ES 217 Rangeland Management (3)
- ES 250 Watershed and Hydrology Management (3)
- ES 299 Practicum in Environmental Science (1)

TOTAL CREDITS: 71