

Associate of Applied Science  
**NATURAL RESOURCES-RANGE ECOLOGY MANAGEMENT**

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 NNMC, B.S. degree in Environmental Science with a concentration in natural resource management.

<b>GENERAL EDUCATION REQUIREMENTS (51 crs)</b>	<b>COMPLETED</b>	<b>Planned Timeline (By Semester)</b>
<b><u>Area I Communications (9 crs)</u></b>		
ENG 111 English Composition I (3) <small>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</small>	_____	_____
ENG 116 Technical Writing (3)	_____	_____
SPCH 130 Public Speaking (3) <small>Pre-requisite: ENG 109</small>	_____	_____
<b><u>Area II and III Math/Computers/Lab Sciences (29 crs)</u></b>		
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 with lab (4)	_____	_____
GEOL 101/L Physical Geology with lab (4)	_____	_____
BCIS 102 Computer Literacy (3)	_____	_____
MATH 145 Introduction to Probability & Statistics (3) <small>Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation</small>	_____	_____
MATH 150 College Algebra (3)	_____	_____
<b><u>Area IV Social and Behavioral Sciences (6)</u></b>		
<b>Electives:</b>		
ANTH 101/L Physical Anthropology with Lab	_____	_____
ANTH 102 Intro to Social/Cultural Anthropology	_____	_____
ANTH 110 Indian Culture of the Southwest	_____	_____
ANTH 207 Cultures of New Mexico	_____	_____
ECON 200 Macroeconomics	_____	_____
ECON 201 Microeconomics	_____	_____
GEOG 111 World Geography	_____	_____
HSS/HUM311 Readings in the Social Sciences **	_____	_____
HSS/HUM414 Humanity and Creativity **	_____	_____
HSS/HUM421 History, Literature, Art & Philosophy **	_____	_____
PSCI 110 The Political World	_____	_____
PSCI 120 Contemporary Political Issues	_____	_____
PSCI 200 American Politics	_____	_____
PSCI 210 State and Local Government	_____	_____
PSCI 212 The American Presidency	_____	_____
PSY 105 General Psychology	_____	_____
PSY 210 Theories of Personality	_____	_____
PSY 229 Adolescent Psychology	_____	_____
PSY 230 Psychology of Adjustment	_____	_____
PSY 232 Abnormal Behavior	_____	_____
PSY 270 Social Psychology	_____	_____
PSY 290 Developmental Psychology	_____	_____
SOC 101 Introduction to Sociology	_____	_____
SOC 213 Deviant Behavior	_____	_____
SOC 216 Ethnic and Intercultural Relations	_____	_____

SOC 220 Social Problems  
SOC 225 Marriage and the Family

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\*\* Students in associate degree programs are advised that upper-division courses used to satisfy any of these requirements are not covered under financial aid.

**Area V Humanities (6)**

PHIL 220 Ethics (3)  
HUM 100 FYE: History and Culture of Northern New Mexico (3)

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**Area VI Library Technology (1)**

LT 101 Library Research Skills (1)

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**PROGRAM REQUIREMENTS (20 crs)**

ES 103 Intro to Natural Resource Mgmt & Science (3)  
ES 120 Forest and Range Ecology (3)  
ES 203 Introduction to GIS/GPS (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)

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**TOTAL CREDIT HOURS 71**