

NORTHERN



Associate of Applied Science

NATURAL RESOURCES MANAGEMENT/2014-2016

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.

GENERAL EDUCATION (51 CR) SEE PAGES 25-28

Area I. Communications (9 cr)

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

Areas 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)
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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