



Associate of Applied Science

ENVIRONMENTAL SCIENCE/2014-2016

This program is designed to provide the technical skills needed to competently gather, record, and analyze critical environmental data to perform simple health risk assessments and evaluations.

GENERAL EDUCATION (33 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 (14 cr)

BIOL	203/L	Ecology and Evolution with lab (4)
ES	112/L	Introduction to Environmental Science with lab (4)
MATH	145	Introduction to Probability and Statistics (3)
MATH	150	College Algebra (3)

Area IV. Social/Behavioral Sciences (3 cr)

SOC	211	Small Group Communications Studies (3)
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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 (39 CR)

BIOL	210/L	Microbiology with lab (4)
CHEM	121/L	General Chemistry I with lab (4)
CHEM	210/L	Integrated Organic & Biochemistry with lab (4)
ES	121	Environmental Air Monitoring (3)
ES	203	Introduction to GIS/GPS (3)
ES	236	Environmental Sampling and Instrumentation (3)
ES	238	Environmental Law and Regulations (3)
ES	250	Watershed and Hydrology Management (3)
RAD	234L	Introduction to Radiation Science and Technology (4)
RAD	238L	Introduction to Radiation Protection (4)

Choose one of the following:

ES	201/L	Environmental Physical and Chemical Processes with lab (4)
CHEM	122/L	General Chemistry II with lab (4)

TOTAL CREDITS: 72