Associate of Applied Science  
ENVIRONMENTAL SCIENCE 2012-2014

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)

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 (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