

Associate of Applied Science  
**ENVIRONMENTAL SCIENCE**

This program is designed to provide the technical skills which will enable you to competently gather, record, and analyze critical environmental data and perform simple health risk assessment evaluations.

**GENERAL EDUCATION REQUIREMENTS (33 crs)**

**COMPLETED**

**Planned Timeline  
(By Semester)**

**Area I Communications (9 crs)**

- ENG 111 English Composition I (3)  
Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation
- ENG 116 Technical Writing (3)
- SPCH 130 Public Speaking (3)  
Pre-requisite: ENG 109


**Area II and III Math/Computers/Lab Sciences (14 crs)**

- BIOL 203/L Ecology and Evolution with lab (4)
- ES 112/L Introduction to Environmental Science with lab (4)
- MATH 145 Introduction to Probability & Statistics (3)  
Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation
- MATH 150 College Algebra (3)


**Area IV Social and Behavioral Sciences (3)**

- SOC 211 Small Group Communications Studies (3)

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**Area V Humanities (6)**

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


**Area VI Library Technology (1)**

- LT 101 Library Research Skills (1)

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**PROGRAM REQUIREMENTS (39 crs)**

- 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 Hydrology and 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 CREDIT HOURS 72**