

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

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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)

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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)

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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)

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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)

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TOTAL CREDIT HOURS 72