

ENVIRONMENTAL SCIENCE

COLLEGE OF SANTA FE-ALBUQUERQUE (CSFA) offers a Bachelor of Science (B.S.) degree in Environmental Science. Special features include:

- ♦ Year-round classes on evenings and weekends
- ♦ Nine-week terms for most class offerings
- ♦ Small classes that emphasize seminar and discussion formats
- ♦ Innovative classes and laboratories with hands-on experience
- ♦ A solid foundation in the sciences, mathematics and the liberal arts
- ♦ Scientific research
- ♦ Individual attention from academic advisors
- ♦ Dedicated and experienced faculty

RESEARCH

The scientific research project is an important element of the program. As part of this project, students become involved in actual scientific work either at the college or at their work place. Not only is this the best way for a student to learn science, but it will also show employers and graduate schools that the student can manage a scientific project from initial design to final write-up. Students are encouraged to develop their own projects from a range of possible research topics including remote sensing of the environment, conservation biology, indoor air quality, waste water recycling and water rights administration.

GRADUATES

Many of our graduates are employed with consulting firms, government agencies and national laboratories. Others continue their education at the master and doctorate levels.

FACULTY

Evening and weekend classes are taught by full-time College of Santa Fe faculty and by adjuncts who are experienced professionals in their fields. Instructors utilize an array of contemporary instructional methodologies and innovative teaching styles in their courses. Course curricula are designed to emphasize the crucial balance between theory and practice.

LIBERAL TRANSFER POLICY

Many students entering the evening and weekend program have earned credit from prior college experiences. CSF generally accepts transfer credit from other accredited colleges and universities for non-remedial academic work with an earned grade of "C-" or better.

PRIOR LEARNING PORTFOLIO

Prior Learning Portfolio (PLP) is a two-credit independent study course that offers students the opportunity to earn credit for college-level learning gained through life and work experience. With the guidance of a faculty advisor, students prepare a portfolio to describe and document their learning in detail. They then submit the portfolio for review by faculty evaluators to determine credit earned. Students may earn up to 48 credit hours toward their degree through PLP.

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I. LIBERAL ARTS CORE (27 credits)

HUM 355 Integrating Seminar	(3)
Humanities / Fine Arts <i>(maximum of 3 credits/category)</i> Philosophy, Religion, Literature, Non-applied Fine Arts	(9)
Social Science <i>(maximum of 3 credits/category)</i> Sociology, Psychology, History, Political Science, Anthropology	(6)
Science / Mathematics / Computer Principles <i>(Requirement met by major requirements)</i>	(0)
English Composition <i>(non-remedial)</i>	(6)
Speech	(3)

II. DEPARTMENT REQUIREMENTS (73 credits)

BIO 101 Molecular and Cellular Biology	(4)
BIO 202 Evolution and Biodiversity	(4)
BIO 301 Ecology	(4)
CHM 105 General Inorganic Chemistry I	(4)
CHM 106 General Inorganic Chemistry II	(4)
CHM 305 Principles of Organic Chemistry	(4)
CHM 360 Environmental Chemistry I	(4)
CTB 102 Word Processing	(1)
CTB 103 Spreadsheets	(1)
CTB 108 Presentation Graphics: PowerPoint	(1)
ENV 101 Intro to Environmental Science	(4)
ENV 310 Industrial Hygiene	(3)
ENV 332 Environmental Policy and Regulation	(3)
ENV 340 Ground Water Hydrology	(3)
ENV 360 Waste Management	(3)
ENV 420 Environmental Toxicology	(3)
ENV 470 Advanced Environmental Science	(4)
GEO 301 Environmental Geology	(4)
GEO 310 Surficial Processes	(4)

MTH 150 Calculus I	(4)
MTH 340 Probability with Statistical Apps I	(3)
PHY 101 Introduction to Physics I	(4)

III. ELECTIVES (28 credits)

TOTAL CREDITS FOR DEGREE 128

