



Bachelor of Science (B.S.) in Environmental Resource Management

Protecting our planet's most valuable resources

Contact Information

Department of
Economics

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Career Opportunities

The multi-disciplinary Environmental Resource Program (ERM) major is of sufficient breadth to prepare graduates for entry into a wide range of careers relating to the use, management, and protection of environmental assets, including:

- Resource analysis and planning
- Occupational safety
- Forestry
- Environmental health
- Land use policy and planning
- Compliance
- Technical and environmental staff support
- Permitting
- Real estate development
- Renewable energy
- Natural habitat restoration

Graduates typically find employment in both the private and public sectors. Public agencies such as the Bureau of Land Management (BLM) and the United States Forest Service (USFS) typically hire individuals with skills provided within the program. Private companies that employ ERM graduates range from consulting firms to regional and national oil, gas, energy and agriculture companies.



CSU Bakersfield
School of Business and Public Administration

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SCHOOL OF
BUSINESS AND PUBLIC
ADMINISTRATION



B.S. in Environmental Resource Management

2016-2018 Catalog Requirements

1. Skills: Statistics, Management, and Communication (4 courses)

MATH 1209 Statistics in the Modern World (GE A4)
 COMM 3008 Technical & Report Writing
 MGMT 4300 Conflict and Negotiation
 PPA 4650 Supervision and Team Building

2. Life Science (2 courses)

BIOL 1039 Ecology (GE B1)
 BIOL 2230 Microbiology

**Occupational Safety and Health Track*

Concentrations will take the following courses instead of the ones listed above

*BIOL 2210 Anatomy (GE B1)
 *BIOL 2220 Physiology (GE B1)

3. Physical Science (6 courses)

CHEM 1000 Foundations of Chemistry
 CHEM 1100 Analytical Chemistry
 CHEM 2300 Organic Chemistry
 GEOL 2010 Introduction to Geology (GE B2)
 SCI 3329 Water and the West (GE UD Area B)
 SCI 3619 Energy and Technology

**Safety Track Concentrations will take the following two course in addition to the above requirements*

*CHEM 1001 Lab
 *CHEM 2200 Inorganic Chemistry

4. Economic and Policy Analysis

(5 courses)
 ECON 2018 Principles of Microeconomics (GE LD Area D)
 ECON 3508 Environmental Economics
 ECON 3550 Economic Geography
 ECON 3200 Intro to Geographic Information Systems (GIS)
 PPA 3408 Policy Networks OR INST 3690 Environmental Politics

5. Law and Compliance (4 courses)

ERM 4110 Environmental Law
 INST 4200 Legal Research Methods (1 unit)
 PPA 4750 Intro to Emergency Management (3 units)
 ERM 2900 Intro to OSHM (2 units)

6. Capstone (1 course)

ERM 4908 Senior Seminar (4 units)
 (Capstone and SELF)

Concentration Options

Traditional Track (12 units)

A minimum of 12 units, approved by the program director, are required for a concentration. The courses must either enhance skills acquired through the program, or must add to the body of knowledge within the program. They must also relate to the broader environmental field. For instance, a four-course sequence in Geographical Information Systems (GIS) from an approved institution would enhance program skills. A four-course sequence in Biology, Chemistry, Geology, etc. would be considered to add to the program's body of knowledge. Note: The concentration can be completed at Bakersfield College or taken as part of another approved community college program. Courses in the concentration cannot be double counted as courses in the major. 4 Courses (minimum 12 units) approved by the Program Director.

Occupational Safety and Health Management Track (12 units)

ERM 3010 Introduction to OSHA
 ERM 3020 Advanced OSHA
 ERM 3100 Hazardous Materials Management
 ERM 3200 Industrial Hygiene Fundamentals

