

Program in Environmental Resource Management

School of Business and Public Administration

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Environmental Resource Management is an interdisciplinary major administered by the Dean of the School of Business and Public Administration. The major is a program of study that includes coursework in the following areas: (1) physical and life sciences relating to natural resource use; (2) the legal aspects of resource ownership and use; (3) the economic and political aspects of resource allocation and environmental protection; and (4) safety and environmental health concerns associated with resource use. The program also includes basic skills courses in areas such as communications, computers, statistics, and management.

The 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. These careers are in areas such as resource analysis and planning, occupational safety, environmental health, compliance, technical and environmental staff support, permitting, and real estate development. 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.

The program also requires a concentration (typically four courses), which further enhances the student experience. The concentration also gives students an opportunity to specialize in select areas. Concentrations can include Forestry, Environmental Health, Land Use Policy and Planning and Occupational Safety and Health. Distant students can complete the Bachelor's Degree on-line from anywhere in the United States through the Internet. In support of its commitment to community health and workplace safety, Aera Energy LLC has endowed the concentration in occupational health and safety management, a field with good internship and career opportunities. Internships are recommended for all concentrations.

Requirements for the Bachelor of Science in Environmental Resource Management

Total Units Required to Graduate	180 units
Major Requirements	115-116 units
Computer Literacy, Math, and Science	42
Communication and Management	15
Law and Public Policy	36-37
Emphasis Area	17
Senior Capstone	5

Other University Requirements 57 units

CSUB 101	2
American Institutions	10
Area A	15
Area B	0*
Area C	15
Area D	5*
Theme 1	0*
Theme 2	5
Theme 3	0*
GRE	5
GWAR (Exam) or Class	0*

Additional Units 8-9 units

*Area B1, B2, B3, B4, D2, Theme 3, and GWAR can be satisfied in the major

See <http://www.csub.edu/schedules.shtml> for current list of courses satisfying university-wide requirements.

Note: One (1) quarter unit of credit normally represents one hour of in-class work and 2-3 hours of outside study per week.

Requirements for the Major in Environmental Resource Management

1. **Computer and Statistical Skills** (2 courses)
MATH 140
One of the following: CMPS 120 or MIS 200A
2. **Communication and Management Skills** (3 courses)
COMM 304, MGMT 430
One of the following: MGMT 300, 460 or PPA 465
3. **Life Science** (2 courses)
Two approved life science courses. The following pairs are recommended: BIOL 103 and SCI 355A, BIOL 250 and 255
4. **Physical Science** (5 courses)
CHEM 101, 150, GEOL 201 or 205, SCI 351B, 352B
5. **Environmental Policy Analysis** (4 courses)
ECON 201, 370, PPA 340
One of the following: ECON 320, 395, 453 or PPA 430
6. **Law and Compliance** (4 courses)
PPA 325, 450, INST 420
One of the following: ERM 300, ECON 404, approved science or math elective
7. **Senior Seminar** (2 courses)
ERM 490A and 490B
8. **Concentration (4 Courses)**
A minimum of 17 quarter units are required for a concentration. One of the following concentrations or four (4) approved electives must be completed. 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.
 - a. **Aera Energy Occupational Safety and Health Management Concentration**
ERM 301, 302, 310, 320

b. Land Use Planning and Policy Concentration

One of the following: ECON 320 or 395

Three courses selected from the following or others approved by the advisor: SOC 367, ECON 390, PPA 479, ANTH 415, PSYC 332, BEHS 321, PPA 340

c. Environmental Health Concentration

Students interested in pursuing careers in the Environmental Health field and/or in becoming a Registered Environmental Health Specialist (REHS) must consult the program Director.