

ENVIRONMENTAL RESOURCE MANAGEMENT, BS, GENERAL TRACK

Business and Public Administration (bpa) (<https://catalog.csub.edu/general-information/csub-information/school-business-public-administration/>)

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<http://www.csub.edu/bpa> (<http://www.csub.edu/bpa/>)

Program Maps for Business and Public Administration (<https://programmmap.csub.edu/academics/interest-clusters/4ca27785-7a7d-4430-a88c-14b0cb704529/>)

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. 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.

Program Requirements

Code	Title	Units
General Education Requirements		
First-Year Seminar (FYS)		2
Lower Division Area A: Foundational Skills ²		9
Lower Division Area B: Natural Sciences ²		0
Lower Division Area C: Arts and Humanities		6
Lower Division Area D: Social and Behavioral Sciences ²		0
Lower Division Area E: Student Enrichment and Lifelong Learning (SELF) ²		0
Lower Division Area F: Ethnic Studies ²		3
American Institutions: Government and History		6
Junior Year Diversity & Reflection (JYDR)		3
Graduation Writing Assessment Requirement (GWAR) ²		0
Upper Division Thematic Area B and C ²		3
General Education Capstone ²		0
<i>General Education Subtotal</i> ²		32
Major Requirements		
<i>Skills: Statistics, Management, and Communication</i>		
MATH 1209	Statistics in the Modern World	3
COMM 3008	Technical and Report Writing	3
MGMT 4300	Negotiation, ADR, and Conflict Management	3
PPA 4650	The Principles and Practices of Supervision	3
<i>Life Science</i>		
BIOL 1039	Principles of Ecology	3
BIOL 2230	Microbiology	4
<i>Physical Science</i>		
CHEM 1000	Foundations of Chemistry	3
CHEM 1100	Foundations of Analytical Chemistry	2
CHEM 2300	Foundations of Organic Chemistry	3
GEOL 2010	Physical Geology	4
SCI 3319		3
SCI 3329		3
<i>Economic and Policy Analysis</i>		
ECON 2018	Essentials of Micro-Economics	3
ECON 3200	Introduction to Geographic Information Systems	3
ECON 3508	Environmental Economics	3
ECON 3550	Economic Geography	3
PPA 3408	Policy Networks	3
<i>Law and Compliance</i>		
ERM 2900	The ERM Major and Careers	1
ERM 4110	Environmental Law I	3
INST 4200	Electronic Legal Research Methods	1
PPA 4620	Introduction to Emergency Management	3
<i>Capstone</i>		
ERM 4908	Senior Seminar	4
<i>Concentration</i>		
A minimum of 4 courses, approved by the Program Director, are required for a concentration. ¹		12
<i>Major Subtotal</i>		76

Additional Units Needed Towards Graduation	12
Total Units	120

¹ 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.

² Some GE requirements are included in the major

Note: One (1) semester unit of credit normally represents 50 minutes of in-class work and 2-3 hours of outside study.