

FOR MORE INFORMATION

Visit the Environmental Studies Dept website (at www.deanza.edu/es) and click on the ERM&P2 Program link provided there for further information, including Course Descriptions & Certificate & Degree “Spec Sheets” that list program course requirements.

You can also contact **Bill Roeder** the ERM&P2 Program Coordinator & Lead Instructor, at:

roederwilliam@fhda.edu

Thanks for your interest in ERM&P2!



Environmental Resource Management
& Pollution Prevention Program
Environmental Studies Department
DeAnza College
www.deanza.edu/es



Certificate & Degree Program in:

Environmental Resource Management & Pollution Prevention

Environmental Studies Dept
DeAnza College

2023-24

*ERM&P2 Certificates Are Now
Offered Fully Online –
Start Earning Yours Today!*



*Meeting the needs of the present without
compromising the ability of future
generations to meet their own needs.*

ABOUT THE ERM&P2 MAJOR

In this career-oriented program, students are trained in the interrelated fields of **Environmental Resource Management** (sustainable use, mgmt & protection of our fundamental environmental resources – air, water, land, food, climate, & earth-extracted materials) & **Pollution Control, Prevention and Cleanup**, addressing air, water & land pollution, hazardous waste & hazardous materials, trash & garbage, and climate change. The training received is **multidisciplinary**, covering the areas of law/regulation, public health, economics, and science and technology, and includes coursework covering a variety of practical management tools that employers look for.

CERTIFICATES & DEGREES OFFERED

Two **fully online** certificates are offered:

- **Certificate of Achievement:**
5 courses/20 units
- **Certificate of Achievement-Advanced:** 8 courses/32 units

Certificates can be completed within one academic year and are especially attractive to those students currently in the workforce who are either seeking to enhance their existing skill set or are looking to make a career change.

In addition, an **AA degree** (90 units) is offered. Students can use the degree to transfer to 4-year colleges offering Environmental Studies-related degrees (UC-Santa Cruz, SJSU, Santa Clara Univ., etc.). An AA degree can be completed in 2 academic years of full-time study.

JOB/CAREER PREPARATION

Students are prepared for employment as entry-level environmental management/pollution prevention specialists in a **wide range of positions and settings**, including working for business/industry, local/state/federal government agencies, environmental non-profit organizations, or environmental consulting firms.

ERM&P2 COURSES

ES 50	Intro to Env Resource Mgmt & Pollution Prevention (4 units)
ES 6	Intro to Env Law (4 units)
ES 56	Intro to Env Health (4 units)
ES 58	Intro to Green Building (1 unit)
ES 61A	Env Resource Mgmt & Pollution Prevention: Air, Water, & Land (4 units)
ES 61B	Env Resource Mgmt & Pollution Prevention: Energy, Chemicals, & Waste (4 units)
ES 61L	Env Resource Mgmt & Pollution Prevention Laboratory (1 unit)
ES 62A	Env Mgmt Tools: Env Mgmt Systems & Env Performance Reporting (4 units)
ES 62B	Env Mgmt Tools: CEQA & Env Impact Reports (EIRs) (4 units)
ES 62C	Env Mgmt Tools: Env Site Assessments (ESAs) (4 units)
ES 62D	Env Mgmt Tools: Industrial Ecology & Sustainable Design Principles (3 units)
ES 63	Global Environmental Policy (1 unit)
ES 64	Climate Change Mitigation & Adaptation in California (4 units)

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ONLINE COURSE OFFERINGS

All ERM&P2 courses are currently offered 100% online.

COURSE SCHEDULING

All ERM&P2 courses are offered at least once per academic year.

ES 50 (INTRO TO ERM&P2) COURSE DESCRIPTION

An introduction to the interrelated fields of Environmental Resource Management (ERM) and Pollution Prevention (P2), surveying the areas of:

- Environmental law and regulation
- Environmental health
- Pollution control and prevention
- Environmental impact assessment
- Sustainable/"green" design
- Climate protection
- Efficient/sustainable use of our fundamental environmental resources (air, water, land, food, climate, and extracted materials including timber, energy resources, and minerals/mined materials).

Associated job and career opportunities in the ERM and P2 fields are also explored, along with academic career pathways.