

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 **Jeff Staudinger**, the ERM&P2 Program Coordinator & Lead Instructor, at:

staudingerjeff@deanza.edu
408-864-5318

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

2018-19

***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/19 units
- **Certificate of Achievement-Advanced:** 8 courses/29 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 (SJSU, SFSU, Sonoma State, 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 (3 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	Agenda 21: Roadmap to Sustainability (1 unit)
ES 64	California's Approach to Global Climate Change (2 units)

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ONLINE COURSE OFFERINGS

All ERM&P2 courses (except for ES 61L, the lab course) are currently offered 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, and efficient/sustainable use of our environmental resources (air, water, land, etc.). Includes overviews of: 1) U.S. and California environmental laws and the governmental regulatory agencies that implement those laws 2) Environmentally-related human health issues and the associated field of Environmental Health, 3) Pollution control technologies, 4) Pollution prevention approaches and techniques (such as Design for the Environment, Product Stewardship, Green Building, Energy Management, Water Conservation, etc.) and 4) Environmental management tools, including Environmental Management Systems (such as ISO 14001) and Environmental Performance Reports.