



## AA Degree in Env Resource Mgmt & Pollution Prevention

### *Description & Course Requirements*

DeAnza Environmental Studies Dept, 2022-23



**Description:** In this **career-oriented** program, students are trained in the interrelated fields of

- **Environmental Resource Management:** Sustainable use, management and protection of our fundamental environmental resources – air, water, land, food, climate, & earth-extracted materials.
- **Pollution Control, Prevention & 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 & technology, and includes coursework covering a variety of practical management tools that employers look for. Upon completion, students are prepared for either **employment** as environmental management/pollution prevention specialists (in a wide range of positions and settings, including working for business/industry, government, and non-profit organizations) or for **transfer** to four-year degree programs in Environmental Studies or related majors.

### **Course Requirements:**

**Units**      **When Offered\***

#### **Foundational Courses**

ES 1	Intro to Environmental Studies	4	FWSpSu
ES 4	Energy, the Environment & Society	4	FWSp
ESCI 1	Environmental Science	4	FWSpSu
ESCI 1L	Environmental Science Lab	1	FWSpSu
ES 95	Intro to Environmental Careers	1	FWSpSu

#### **ERM&P2 Courses**

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

#### **Subtotal – Required Environmental Studies Coursework**

**57**

#### **Required General Education (GE Courses) Plus Electives**

**33**

#### **Total – AA Degree Coursework**

**90**

\* **Note:** Based on prior year's course schedule, subject to change – check the actual course schedule when released; all courses to be offered at least once per year. F: Fall; W: Winter; Sp: Spring; Su: Summer