



# AA Degree in Env Resource Mgmt & Pollution Prevention

## *Description & Course Requirements*

DeAnza Environmental Studies Dept, 2018-19



**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 2	Humans, the Environment & Sustainability	4	FWSpSu
ESCI 1	Environmental Science	4	FWSpSu
ESCI 1L	Environmental Science Lab	1	FWSpSu
ES 95	Intro to Environmental Careers	1	FWSp

#### ERM&P2 Courses

ES 50	Intro to Env Resource Mgmt & Pollution Prevention	3	FSp
ES 6	Intro to Environmental Law	4	FSp
ES 56	Intro to Environmental Health	4	F
ES 58	Intro to Green Building	1	FSp
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	Sp
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	Agenda 21: Blueprint for Sustainability	1	F
ES 64	California's Approach To Global Warming/Global Climate Change	2	F

**Subtotal – Required Environmental Studies Coursework**                                **54**

**Required General Education (GE Courses) Plus Electives**                                **36**

**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