

Cupertino, CA 95014 408-864-5678 www.deanza.edu

2009 - 2010 Academic Year

Environmental Studies

Energy Management and Climate Policy

Biological, Health, Environmental Sciences Division/ES Dept. Kirsch Center Room 218 408-864-8628, 8773

Counseling Center Student and Community Services Bldg. 2nd Fl. 408-864-5400

Career Center Student and Community Services Bldg. 2nd Fl. 408-864-5711

Please visit the Counseling Center to apply for certificates and degrees, and for academic planning assistance.

Certificate of Achievement Requirements
A minimum "C" grade in each major course.

Note: A maximum of six (6) quarter units may be transferred from other academic institutions.

Certificate of Achievement-Advanced Requirements

 A minimum "C" grade in each major course.
 Demonstrated proficiency in English and mathematics as evidenced by eligibility for EWRT IA or ESL 5 and eligibility for MATH 114.

Note: A maximum of 18 quarter units may be transferred from other academic institutions.

A.A./A.S. Degree Requirements

- I. Completion of all General Education (GE) requirements (31-42 quarter units) for the A.A./A.S. degree. GE units must be completed with a minimum 2.0 GPA ("C" average).
- Completion of all major requirements. Each major course must be completed with a minimum "C" grade. Major courses can also be used to satisfy GE requirements (except for Liberal Arts degrees). Note: A maximum of 22 quarter units from other academic institutions may be applied toward the major.
- 3. Completion of a minimum of 90 degree-applicable quarter units (GE and major units included). All De Anza courses must be completed with a minimum 2.0 GPA ("C" average). All De Anza courses combined with courses transferred from other academic institutions must be completed with a minimum 2.0 GPA ("C" average). Note: A minimum of 24 quarter units must be earned at De Anza College.

Major courses for certificates and degrees must be completed with a letter grade unless a particular course is offered on a pass/no-pass basis only.

Energy Management and Climate Policy Certificate of Achievement †

Complete the following and meet the corresponding certificate requirements.

ES I	Introduction to Environmental Studies	4
ES 58	Introduction to Green Building	- 1
ES 64	AB 32 (CA Global Warming Solutions Act)	- 1
ES 65	Environmental Stewardship	- 1
ES 66	Environmental Leadership	- 1
ES 69	Energy Reliability and Your Organization	- 1
ES 70	Introduction to Energy Management	
	Technology	- 1
ES 71	The Building Envelope	- 1
ES 72	Heating, Ventilating & Air Conditioning	
	(HVAC) Systems	- 1
ES 73	Electric Motors and Drives	- 1
ES 74	Lighting Distribution Systems	- 1
ES 75	Electric Power Systems	- 1
ES 76	Energy Star Products	- 1
ES 76A	Solar Thermal Systems	- 1
ES 78	Energy Management Systems and Controls	- 1
ES 79	Renewable and Alternative Energy Systems	- 1
ES 90	Environmental Research and Field Methods	4
ESCI 61	Introduction to Photovoltaic (PV) Technology	3
	Total Units Required	. 26

Energy Management and Climate Policy

Certificate of Achievement-Advanced

Complete the requirements listed for the Certificate of Achievement plus the following, and meet the corresponding certificate requirements.

Requirements	Energy Management and Climate Policy Certificate of Achievement	26
ES 6	Introduction to Environmental Law	4
ES 61A	Environmental Protection and Pollution	
	Prevention: Local and Regional	4
ES 67	Environmental Team-Building	- 1
ES 68	Community-Based Coalitions & Stakeholders	- 1
ES 95	Introduction to Environmental Careers	- 1
ES 95B	Environmental Studies Internships	2
	Total Units Required	. 39

Energy Management and Climate Policy A.A. Degree

Complete the Certificate of Achievement-Advanced requirements plus the

following for the major, and meet the A.A./A.S. degree requirements.				
Requirements	Energy Management and Climate Policy Certificate of Achievement-Advanced	39		
ESCI I	Environmental Science I	4		
ESCI IL	Environmental Science I Lab	I		
ESCI 63	Photovoltaic (PV) Technology Field Project	2		
Complete a min	imum of four (4) units from the following:	4		
ES 2	Humans, the Environment and			
	Sustainability (4)			
ES 3	Imagery of the Environment (4)			
ES 55	Ten Steps to Effective Learning in ES (1)			
ESCI 19	Environmental Biology (5)			
ESCI 50	Introduction to Wildlife Corridor Technician:			
ECCL E3	Connectivity (2)			
ESCI 52	Wildlife Corridor Technician:			
ESCI 53	Animal Tracking Techniques (1) Wildlife Corridor Technician:			
ESCI 53	Data Collection (I)			
ESCI 54	Wildlife Corridor Technician:			
LSCI ST	Data Analysis (1)			
ESCI 55	Wildlife Corridor Technician:			
200.00	Corridor Design (I)			
	20111301 2 251811 (1)			
Major	Energy Management and Climate Policy 50 u	nits		
GE	General Education (31-42 units)			
Electives	Elective courses req'd. when major units			
	plus GE units total is less than 90			
	Total Units Required	nits		