



2009 - 2010
Academic Year

21250 Stevens Creek Blvd.
Cupertino, CA 95014
408-864-5678
www.deanza.edu

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

1. A minimum "C" grade in each major course.
2. Demonstrated proficiency in English and mathematics as evidenced by eligibility for EWRT 1A 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

1. 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).
2. 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 1	Introduction to Environmental Studies	4
ES 58	Introduction to Green Building	
ES 64	AB 32 (CA Global Warming Solutions Act)	
ES 65	Environmental Stewardship	
ES 66	Environmental Leadership	
ES 69	Energy Reliability and Your Organization	
ES 70	Introduction to Energy Management Technology	
ES 71	The Building Envelope	
ES 72	Heating, Ventilating & Air Conditioning (HVAC) Systems	
ES 73	Electric Motors and Drives	
ES 74	Lighting Distribution Systems	
ES 75	Electric Power Systems	
ES 76	Energy Star Products	
ES 76A	Solar Thermal Systems	
ES 78	Energy Management Systems and Controls	
ES 79	Renewable and Alternative Energy Systems	
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 1	Environmental Science I	4
ESCI 1L	Environmental Science I Lab	1
ESCI 63	Photovoltaic (PV) Technology Field Project	2
	Complete a minimum 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: Connectivity (2)	
ESCI 52	Wildlife Corridor Technician: Animal Tracking Techniques (1)	
ESCI 53	Wildlife Corridor Technician: Data Collection (1)	
ESCI 54	Wildlife Corridor Technician: Data Analysis (1)	
ESCI 55	Wildlife Corridor Technician: Corridor Design (1)	

Major	Energy Management and Climate Policy	50 units
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 90 units

† This certificate was submitted for State approval. Please check with the department for the status.