

# Welcome to the Kirsch Center for Environmental Studies



#Kirsch\_Center

## We're in this together...

Our Paths of Study include:

- [GE & Transfer Courses in ES & ESCI](#)
- [Energy Management and Building Science](#)
- [Environmental Resource Management and Pollution Prevention](#)
- [Facility and Sustainable Building Management](#)
- [Wildlife Science Technician](#)

The current sociopolitical dynamic nationally and globally has created a stronger need for us to have cohesive community around many issues, particularly in environmental areas. Now, more than ever we need to understand the outfall of policy decisions on the environment and society. We at the Kirsch Center, fellow students, faculty, and staff are committed to assisting you to obtain a better understanding of the importance of environmental knowledge. Come learn alongside us, either through one of our major areas, vocational trainings, or GE and transferrable courses.

Together we can create positive change!



~Alicia De Toro,  
Morgan Family Chair for Environmental Studies

# SUSTAINABILITY IN THE BUILT ENVIRONMENT



\* Are you undecided on your major?  
\* Be on the front end of reducing greenhouse gas emissions

\* Are you concerned about global climate change?  
\* Enjoy an environmental career in a growing industry that pays well

## Become an Energy Management and Building Science Major!

- Not all educational / career paths require you to be a wizard at math or science ----- or to be technical
- Help make buildings energy efficient by meeting the CA Building Energy mandate- reducing greenhouse gas emissions to ZERO (ZNE) by 2020
- Help the world implement cleaner forms of Energy like Solar to help meet CA Senate Bill 100- 100% renewable energy by 2045
- Advanced energy careers are growing at 6 times the California economy due to legislation- *Source- Advanced Energy Economy-2016*
- Advanced energy careers pay well- \$70K-\$85K to START W / 2 Year De Anza Degree- *Source- Advanced Energy Economy- 2016*
- The De Anza Energy Management Program places 100% of its graduates in degree related careers! *Source:*

*California Community College Chancellor's Office - 2017*



ENERGY MANAGEMENT &  
BUILDING SCIENCE

Program Contact: Bill Roeder  
Email: roederwilliam@fhda.edu

**More Info: [www.deanza.edu/es/emt](http://www.deanza.edu/es/emt)**



### De Anza Supports DACA students!

Visit: <http://www.deanza.edu/students/undoc-students.html>  
for more information.



Learn Camera Trapping



Work in Butterfly Preservation

### Come study Wildlife Science Technology!

- Includes environmental science,
- Biodiversity and ecology,
- Corridor ecology, landscape ecology
- Ecosystem (adaptive) management,
- and preservation, protection and restoration of native species and ecosystems

## Discover Environmental Resource Management & Pollution Prevention (ERM&P2)!

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

**Environmental Resource Management:** The sustainable use, management, and protection of our fundamental environmental resources: Air, water, land, food, climate, and earth-extracted materials.

**Pollution Control, Prevention and Cleanup,** addressing air, water and land pollution, hazardous waste & garbage, and global warming/climate change.

**To learn more, take ES 50,** Intro to Environmental Resource Management & Pollution Prevention, which is offered every quarter!



Visit De Anza Civics Watch:  
<http://www.deanza.edu/civicswatch/>  
For information on civil rights, the environment, and economic policy

Space Planning

Energy Efficiency

Building Operations

## Facility Management



Building Sustainability

Employee Safety & Environmental Stewardship

Sustainable Landscaping

- Our **NEWEST Degree Program- The Very First State Accredited FM Degree in California!**
  - There is a current demand/supply gap of ~ 6,000 Facility Managers in California
  - Career Advancement: 30-50% of current Facility Managers will retire in the next 10 years
  - Ability to work in any US State or Country of the World- Buildings are EVERYWHERE!
  - IFMA Industry accreditation in process- 100% job placement- *Source: International Facility Management Association (IFMA)*
  - Paid internship opportunities as part of your De Anza educational experience
  - Average Salary: \$65K-\$80K to START (with De Anza FM Degree)- *Source: International Facility Management Association (IFMA)*
- Want to learn more? Register for **ES 69A- Intro to Facilities Management- LATE START CLASS!**
  - Be part of our very first accredited Facility Management class!
  - Class starts Friday October 20 (6 weeks only)
  - Time- 9:30- 2:30 PM; Room KC239

More Info: [www.deanza.edu/es/emt/FMdegree.html](http://www.deanza.edu/es/emt/FMdegree.html)

DeAnza College fm  
Program Contact: Bill Roeder  
Email: [roederwilliam@fhda.edu](mailto:roederwilliam@fhda.edu)

## In other news...



### SRC hours for Fall

**Mondays**

**9am-6pm**

**Tues-Thurs**

**9am-5pm**

**Fri**

**9am-2pm**



### ESA hours for Fall

**Mon- Thurs**

**9am – 4:30pm,**

**Fri**

**9am-2pm**

DeAnza College **FOOD PANTRY**

The De Anza Food Pantry is open to all students who qualify!  
Provided in collaboration with West Valley Community Services and Second Harvest Food Bank

[www.deanza.edu/students/foodpantry](http://www.deanza.edu/students/foodpantry)

DeAnza College **FOOD PANTRY**

Visit us in the Outreach Office!

For more information, email [outreach@deanza.edu](mailto:outreach@deanza.edu) or call 408.864.8327  
Students must meet the income guidelines for the Emergency Food Assistance Program (EFAP).  
Visit [www.edss.ca.gov](http://www.edss.ca.gov) for more information.

[www.deanza.edu/students/foodpantry](http://www.deanza.edu/students/foodpantry)

### **De Anza Dining Services and the Kirsch Collaboration**

Last Spring, De Anza Dining services kitchen staff saved 600 two-inch ends of the spring onion roots being processed in the kitchen with intention of replanting them on the De Anza property. With the help of several Kirsch students and Diana, the 600 were successfully replanted in two garden boxes in the Kirsch center gardens. The harvest of organic spring onions were taken back to the kitchen and recycled back through the Pho Noodle Bar station giving allowing the students to experience truly organic produce. We were able to get three runs, meaning that three days of organic spring onions came from the Kirsch center gardens. Diana Martinez purchased both basil plants and seed, which grew in abundance. I believe the key to success moving forward would be install an automated dip system.

~ Patrick Gannon, director of De Anza Dining Services



**Aquatic Restoration Ecology  
Volunteers needed!**

Contact Diana Martinez @  
<mailto:martinezdiana@fhda.edu>

Welcome to Fall Quarter at De Anza College!

If you are an Environmental Studies/Sciences major (or would like to be!), come visit us at the Kirsch Center. We love meeting our students and would be happy to chat with you about your course of study and how it fits into what we do.

If you haven't decided what you want to study or have chosen another field - ES and ESCI can still be applicable to you! Our courses focus on environmental issues happening in the world TODAY. Many courses still have available spots and we look forward to meeting you! ~ The ES Dept. ☺