You herd right - free water!

healthy UC DAVIS

water
shell-ect free filtered water
you otter drink water
Food waste and other compost make up the largest stream in our landfills. What do you want to do?

- Compost
- Landfill
13,100 tons of organic waste diverted 2018-19. Let's keep it going!

UCDAVIS
#DavisCompostCrew

Feed me!

Compost = Less Landfill Waste
DON’T WAIT, COMPOST YOUR WASTE

lower carbon footprint
divert from landfill
retain soil moisture
prevent erosion
lower greenhouse gas emissions
protect plants
Roots on Campus
Tree Planting Series

Project Goals
The Roots on Campus tree planting event began in 2019 and aims to connect the UC Davis community to alternative, natural methods that help contribute to a more sustainable environment. Planting relied on the stewardship of volunteers. As the trees grow over time, students, staff and faculty will start to make connections to the long-term benefits that trees can provide to the overall quality of urban life.

Urban Forestry & Carbon Sequestration
Urban forestry plays a significant role in reducing atmospheric CO₂. Trees act as sinks for CO₂ by fixing carbon during photosynthesis and storing excess carbon as biomass. Trees sequester and store carbon in their tissues at different rates and amounts based on varying factors such as size at maturity, life span, and growth rate. When trees die and decay, they release much of the stored carbon back into the atmosphere; carbon storage, therefore, is an indication of the amount of carbon that can be lost if trees die and decompose. Trees also indirectly reduce atmospheric carbon by lowering the demand for energy and reducing CO₂ emissions from the consumption of natural gas and the generation of electric power. Carbon avoided is measured by the amount of reduced energy use due to placement of shade trees near buildings.

UC Carbon Neutrality Initiative
This project helps provide solutions to the UC Carbon Neutrality Initiative (CNI). The CNI carbon sequestration efforts on campus to achieve net zero greenhouse gas emissions by 2025.

Partners:
- Melanie Gentles, Campus Arborist
- UC Davis Arboretum and Public Garden
- Office of Sustainability
- TGIF (The Green Initiative Fund)
The Roots on Campus tree planting program began in 2019 and aims to engage the UC Davis community in shaping a more sustainable campus environment. Volunteers help plant trees here. As the trees grow over time, students, faculty, and staff can experience the long-term benefits that trees contribute to the overall quality of urban life.

**UC CARBON NEUTRALITY INITIATIVE**

The Roots on Campus program helps provide a carbon sequestration solution as part of the Carbon Neutrality Initiative (CNI). The CNI calls for the University of California to achieve net-zero greenhouse gas emissions by 2025.

*UC Davis Sustainability*  
sustainability.ucdavis.edu
ROOTS ON CAMPUS

A TREE PLANTING PROGRAM FOR CARBON NEUTRALITY

The Roots on Campus initiative promotes the planting of trees on campus. Each tree planted helps to offset the carbon footprint of the University of Washington. By planting 1,000 trees, the University aims to reach its goal of carbon neutrality by 2030. This initiative is a joint effort between the Office of Sustainability and the Office of the President.

CARBON NEUTRALITY INITIATIVE

The Roots on Campus program supports the University's commitment to sustainability. Through this initiative, the University aims to plant 1,000 trees, reducing its carbon footprint and achieving carbon neutrality by 2030. This project not only enhances the campus environment but also educates students and faculty about the importance of carbon neutrality.
LANDFILL

Plastic Utensils, Straws and Juice Cartons

Plastic Bags, Wrappers and Gloves

Expanded Polystyrene Foam Cups and Containers

recycling@ucdavis.edu   /uni25CF   sustainability.ucdavis.edu
Paperboard
(no plastic film and bags)

Mixed Paper

No bubble wrap mailers, food containers, paper cups, cardboard
(break down boxes and place next to recycle bins)

recycling@ucdavis.edu  sustainability.ucdavis.edu
COMPOST

Solid and Liquid Food Waste

Food-Soiled or Waxed Paper and Cardboard

Compostable Plastic and Wood Items
CONTAINERS

Metal Containers and Aluminum Foil
(no scrap metal)

Glass Containers
(no Pyrex)

Plastic Containers
(no bags, film, or bubble wrap)
#1 and #2 Plastics accepted.
Contact us or check our website below for other plastics recycling information.

containg@ucdavis.edu / sustainability.ucdavis.edu

recycling@ucdavis.edu  .  sustainability.ucdavis.edu
Providing Healthy and Wholesome Food from the Ground Up
- Cuarto Dining Mission Statement

Sustainable Design

Innovation Facts
- Locally grown food
- Nutritional labeling
- Organic waste diversion
- Education program
- Green cleaning

Sustainability Impact
- Community economy
- Public open access
- Recycling/paper
- Reflective building materials
- Solar array/collectors

Energy & Atmosphere
- Increased natural light
- Increased lighting control
- Efficient HVAC equipment
- Optimize energy performance
- No CFC-based refrigerants

Materials & Resources
- Building interior reuse
- Recycled content materials
- Rapidly renewable resources
- FSC-certified wood products
- Recycled content furniture
- Furniture reuse
- Construction waste management

Indoor Environmental Quality
- Low-emitting finishes
- Thermal comfort monitoring
- Outside air delivery monitoring
- Pollutant source control
What is LEED?

Leadership in Energy and Environmental Design, LEED, is an internationally recognized green building certification system, providing third-party verification that a building or community was designed and built using strategies aimed at improving performance across all metrics that matter most: energy savings, water efficiency, CO₂ emissions reduction, improved indoor environmental quality, and stewardship of resources and sensitivity to their impacts.

LEED at UC Davis

UC Davis celebrates a long-term commitment to environmental, economic and social sustainability. We use our strengths in teaching, research and public service to address society’s most pressing problems. Ideas that start on campus - powered by faculty, students and staff - transform the world.

SUSTAINABLE SITES
- Previously developed site
- Community connectivity
- Public transportation access
- Bicycle parking
- No additional parking added
- Bioswales
- Pervious and reflective concrete
- Reflective roofing material

ENERGY & ATMOSPHERE
- Optimized energy performance / Energy cost savings of 33%
- Efficient HVAC equipment
- Efficient LED lighting

INNOVATION & DESIGN
- An active sustainability educational program

WATER EFFICIENCY
- High efficiency fixtures designed to reduce potable water use by 31%
- Irrigation controls designed to reduce potable water use for irrigation by 55%
- Indigenous landscaping

MATERIALS & RESOURCES
- Comprehensive waste diversion plan
- 97% of construction waste diverted from landfills

INDOOR ENVIRONMENTAL QUALITY
- Implemented an Indoor Air Quality Plan during construction
- Installed an Indoor Air Quality Plan prior to occupancy
- Products with little or no VOC’s (Volatile Organic Compounds) to enhance the indoor air quality.
- Walk off mats at building entrances to limit pollutants coming inside.
- Residents have control over lighting, operable windows and thermostats with an energy-efficient range setting. All occupied spaces provide a view to the outdoors.
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SUSTAINABLE SITES
- Previously developed site
- Community proximity
- Public transportation access
- Bicycle parking
- No additional parking added
- Bioswales
- Pervious and reflective concrete
- Reflective roofing material

WATER EFFICIENCY
- Water use reduction 34%
- High efficiency fixtures
- Indigenous landscaping

ENERGY & ATMOSPHERE
- Optimized energy performance / Energy Savings of 51%
- Efficient HVAC equipment
- Efficient lighting
- No CFC-based refrigerants

MATERIALS & RESOURCES
- Construction waste diverted from landfills: 95%
- Recycled content materials
- Regionally sourced materials

INDOOR ENVIRONMENTAL QUALITY
- Implemented an Indoor Air Quality Plan during construction
- Implemented an Indoor Air Quality Plan prior to occupancy
- Products with little or no VOC’s (Volatile Organic Compounds) to enhance the indoor air quality
- Walk off mats at building entrances to limit pollutants coming inside
- Residents have control over lighting, operable windows and thermostats with an energy efficient range setting
- All occupied spaces provide a view to the outdoors

INNOVATION & DESIGN
- Implemented a green cleaning policy
- Task lighting provided at each resident’s desk
- Furnishings that meet industry green standards
- Active sustainability educational program
SAVE WATER

REPORT LEAKS TO

(530) 752-1655
Get Involved with Sustainability

Sign up for our newsletter
- Written by students, for students
- Updates on sustainability events, job & volunteer opportunities, and sustainable living tips

Become a sustainability champion
- Promote sustainability in your Res Hall
- Meet new people
- Get a free T-shirt and other incentives for participating

Volunteer at the Resident Garden @ Segundo
- Weekly open volunteer hours
- Adopt your own plot
- No experience necessary

Email sustainablehousing@ucdavis.edu to sign up or learn more

UC DAVIS
STUDENT HOUSING AND DINING SERVICES