



University of California, Davis

The following information was submitted through the [STARS Reporting Tool](#) to be shared with Sierra magazine for consideration in their Cool Schools publication.

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The information presented in this submission is self-reported and has not been verified by AASHE or a third party. If you believe any of this information is erroneous, please see the [process for inquiring](#) about the information reported by an institution.

Education & Research

Co-Curricular Education

This subcategory seeks to recognize institutions that provide their students with sustainability learning experiences outside the formal curriculum. Engaging in sustainability issues through co-curricular activities allows students to deepen and apply their understandings of sustainability principles. Institution-sponsored co-curricular sustainability offerings, often coordinated by student affairs offices, help integrate sustainability into the campus culture and set a positive tone for the institution.

Credit
Student Sustainability Educators Program
Student Sustainability Outreach Campaign
Sustainability in New Student Orientation
Sustainability Outreach and Publications
Student Group
Organic Garden
Model Room in a Residence Hall
Themed Housing
Sustainable Enterprise
Sustainability Events
Outdoors Program
Themed Semester or Year

Student Sustainability Educators Program

Responsible Party

Michelle La

Waste Reduction & Recycling Coordinator
Environmental Stewardship & Sustainability

Criteria

Institution coordinates an ongoing peer-to-peer sustainability outreach and education program for degree-seeking students. The institution:

- Selects or appoints students to serve as educators and formally designates the students as educators,
- Provides formal training to the educators in how to conduct outreach, and
- Offers faculty or staff and/or financial support to the program.

This credit focuses on programs for degree-seeking students enrolled in a for-credit program. Continuing education and/or non-credit students are excluded from this credit.

Student clubs or groups, which are covered by *Co-Curricular Education Tier Two Credit 1*, are not eligible for this credit unless the group meets the criteria outlined above.

"---" indicates that no data was submitted for this field

Total number of degree-seeking students enrolled at the institution :

32653

Program name (1st program) :

Waste Reduction & Recycling Program

Number of students served by the program to whom peer-to-peer sustainability outreach and education is offered (1st program) :

32653

A brief description of the program, including examples of peer-to-peer outreach activities (1st program) :

The Waste Reduction & Recycling Program provides assistance to campus in regards to waste reduction & recycling. The campus has a goal of zero waste by the year 2020, one core piece of information that this program tries to promote. Staff provide training on ways to increase diversion rate and reduce waste to multiple campus entities via presentations, active assessments and evaluations, interactive activities, and many more. Students involved in the program have the opportunity to interact with campus members in many different ways. The students are provided training when they join the program to ensure that they are equipped with the information and basic skills that they need in order to successfully disseminate information throughout campus about waste reduction efforts. The students are a resource to campus members on the topic of zero waste. The students interact with a wide range of campus members, from students to

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staff and faculty to campus visitors. Students are involved in face to face interactions with campus members in a variety of settings, including sports events, zero waste events, departmental recycling and composting training, general recycling questions that are directed towards our program, and many others.

A brief description of how the student educators are selected (1st program) :

Students are selected through an interview process to become a member of the program. In the interview process, current staff look for individuals who express interest in waste reduction and recycling activities and overall sustainability elements. After the students join the program, they are assigned projects and activities based on what their strengths are.

A brief description of the formal training that the student educators receive (1st program) :

The students go through a set training list when they join the program. They are provided with information about the campus zero waste status and what it means to be zero waste at UC Davis. The training includes segments specifically emphasizing presentation and outreach to campus members. The students are trained by their fellow peers in the program. The training process also allows for current members to apply what they have learned to train another person.

A brief description of the staff and/or other financial support the institution provides to the program (1st program) :

The program is currently financially supported by the institution. The campus provides resources and financial support for students to be a part of the program.

The website URL for 1st Program :

<http://sustainability.ucdavis.edu/students/opportunities/index.html>

Program name (2nd program) :

Positive Impact

Number of students to whom peer-to-peer sustainability outreach and education is offered (2nd program) :

5230

A brief description of the program, including examples of peer-to-peer outreach activities (2nd program) :

Positive Impact provides sustainability programs and resources to students living in the residence halls. The program employs three Sustainability Interns, plus a small group of Resident Advisors that have sustainability education as their specialty assignment. The Sustainability Interns: organize active programs (movie screenings, water taste testings); take the lead on the development and implementation of the Go Zero Waste 2012 Competition (residence hall sustainability competition); create content for the website and social media; and collaborate with the other student sustainability staff on campus.

A brief description of how the student educators are selected (2nd program) :

The position description is posted, applications are accepted, interviews are conducted, and three candidates are hired per academic year.

A brief description of the formal training that the student educators receive (2nd program) :

The Sustainability Interns are in training for the first two-three weeks to learn about Student Housing practices, campus practices, diversity, new initiatives, various resident attitudes on sustainability, answers and background to FAQs, etc.

A brief description of the staff and/or other financial support the institution provides to the program (2nd program) :

Student Housing allocates a budget for job funding, as well as a programming and education budget for each academic year.

The website URL for 2nd program :

<http://housing.ucdavis.edu/sustainability/positiveimpact.asp>

Program name (3rd program) :

UC Davis Dining Services Sustainability Internship and Healthy Planet, Healthy Me Education Program

Number of students to whom peer-to-peer sustainability outreach and education is offered (3rd program) :

6000

A brief description of the program, including examples of peer-to-peer outreach activities (3rd program) :

Student sustainability interns work within the UC Davis Dining Services Department of Sustainability and Nutrition to engage their peers and others within the campus community at all Resident Dining commons, the Silo Union and the Scrubs Cafe on topics related to sustainable food. Various focuses within the internship are available, and include: Resident Garden Coordinator, Aggie Grown Coordinator, Resident Dining Education Coordinator, Retail Dining Education Coordinator, Waste Reduction Coordinator. Various activities include tabling in the units, Green Chef challenges between students in the various Resident Dining units, floor programs in the residence halls, garden parties and activities, tours of local and campus farms, waste sorting games, waste audits, film screenings, Meatless Mondays, UC Davis Farmers Market, UC Davis Student Farm field-to-table, UC Davis Russell Ranch field-to-table, Segundo housing area resident garden, Healthy Planet, Healthy Me education, waste audits, campus food systems tracking and assessment, Farm-to-College events, resident hall floor programs, and more! Interns report to UC Davis Dining Services Sustainability Manager, Dani Lee and Sustainability & Education Coordinator, Sara Kosoff. Coordinator positions are paid; volunteer internships are also available within each area.

<http://dining.ucdavis.edu/sus-ecofoodcorps.html>

<http://dining.ucdavis.edu/sus-education.html>

A brief description of how the student educators are selected (3rd program) :

Interns apply for a Sustainability Internship with Dining Services and are interviewed by a panel of current sustainability interns and the Dining Services Sustainability Manager and Sustainability Coordinator. Selected interns are offered a paid internship. Dining Services also partners with several student organizations and local community groups to host educational activities in the various dining units.

A brief description of the formal training that the student educators receive (3rd program) :

Students receive a 1 week orientation at the beginning of the academic year covering all current sustainability programs within campus dining as well as company policy. Students are trained on the various topics they are educating about by the Sustainability Coordinator and/or the Sustainability Manager for Dining Services during weekly meetings. On-the-job training for various emphases within the internship (ie. Zero Waste events).

A brief description of the staff and/or other financial support the institution provides to the program (3rd program) :

- Dining Services Sustainability Manager - program overview and development
- Dining Services Sustainability Coordinator - intern management
- Funding for various activities is provided out of the Dining Services Department of Sustainability & Nutrition budget
- 1 full time employee - Sustainability & Education Coordinator for Dining Services to manage the program and develop the curriculum
- 5 paid student internship positions - student educators are paid a minimum wage
- Program materials support - printing costs and cost of drawing prizes, etc.

The website URL for 3rd program :

<http://dining.ucdavis.edu/sus-education.html>

Program name (All other programs) :

Number of students to whom peer-to-peer sustainability outreach and education is offered (All other programs) :

A brief description of the program, including examples of peer-to-peer outreach activities (All other programs) :

A brief description of how the student educators are selected (All other programs) :

A brief description of the formal training that the student educators receive (All other programs) :

A brief description of the staff and/or other financial support the institution provides to the program (All other programs) :

The website URL for all other programs :

Student Sustainability Outreach Campaign

Responsible Party

Richard Ronquillo
Assistant Director
Student Housing

Criteria

Institution holds at least one sustainability-related outreach campaign directed at students. The campaign yields measurable, positive results in advancing sustainability. The sustainability-related outreach campaign may be conducted by the institution, a student organization, or students in a course.

To measure if the campaign yields measurable, positive results, institutions should compare pre-campaign performance to performance during or after the campaign.

The campaign could take the form of a competition (such as a residence hall conservation competition), or a collective challenge (such as a campus-wide drive to achieve a specific sustainability target).

The campaign may focus on one or more sustainability issues, but educating students is a primary feature of the campaign.

The campaign may reach additional campus members (faculty, staff, visitors, etc.) as long as students are one of the audiences of the campaigns.

The following impacts are not sufficient for this credit:

- Increased awareness
 - Additional members of a mailing list or group
-

"---" indicates that no data was submitted for this field

Does the institution hold a campaign that meets the criteria for this credit? :

Yes

The name of the campaign(s) :

EPA Game Day Challenge

A brief description of the campaign(s) :

The Game Day Challenge is put together and managed by the Environmental Protection Agency (EPA). It is an annual program that involves the diversion efforts of football stadiums. Campuses are encouraged to participate and enroll their campus stadiums into the national competition to compete in several waste diversion related categories.

Campuses are directed to choose one home game day to promote, track & monitor, evaluate and report on to EPA. Diversion data on the waste streams are collected and recorded for material generated from the chosen game. Because the Game Day Challenge involves a sports event, it provides a great opportunity to reach out to multiple audiences, including visitors and campus members, and engage them in the waste diversion process. During the game day, attendees are encouraged to participate in the source separating activities and they receive information about what can be diverted and what cannot be diverted.

A brief description of the measured positive impact(s) of the campaign(s) :

UC Davis has participated in the EPA Game Day Challenge for the last two years (2010 and 2011), enrolling the Aggie Stadium into the competition. In both years, UC Davis has excelled in the overall Waste Diversion Category (total diversion rate for the game, including both recycling and composting), receiving first place for two years. In 2010, the diversion rate for the chosen game was approximately 89%. In 2011, the diversion rate increased to 93.6%.

Having participated in the Game Day Challenge before, more people were aware about the Game Day Challenge event and actively participated in source separating activities at the stadium. The result of an increase in diversion rate is a positive impact that also includes many campus members and visitors.

The website URL where information about the sustainability outreach campaign(s) is available :

<http://www.epa.gov/osw/partnerships/wastewise/challenge/gameday/index.htm>

Sustainability in New Student Orientation

Responsible Party

Richard Ronquillo
Assistant Director
Student Housing

Criteria

Institution includes sustainability prominently in its new student orientation activities and programming. Sustainability activities and programming are made available to all new students and are intended to educate about the principles and practices of sustainability.

Because orientation activities vary from one institution to another, prominent inclusion of sustainability may not take the same form on each campus. When reporting for this credit, each institution will determine what prominent inclusion of sustainability means given its particular context.

As this credit is intended to measure sustainability being infused throughout the institution, program or discipline-level orientations are not included in this credit.

"---" indicates that no data was submitted for this field

Does the institution include sustainability prominently in new student orientation? :

Yes

A brief description of how sustainability is included prominently in new student orientation :

Fall Welcome events begin once the new students have moved into the residence halls (a few days before academic instruction begins) and continue until early October. The events are designed to introduce new and current students to UC Davis. Several events at the Fall Welcome prominently promote sustainability. The Campus Resource Fair is where all new residents (approximately 4,500) receive their free stainless steel water bottles to reduce the use of throwaway plastic water containers and visit multiple booths including many with sustainability information. Annual participants include the sustainability staff from Dining Services, Student Housing, Environmental Stewardship & Sustainability, and Transportation & Parking Services. For example, the Student Housing Sustainability Interns conducted a water taste test and operate a sustainability trivia wheel. Another Fall Welcome event is done in partnership with Downtown Davis and features information on sustainable and local shopping.

The website URL where information about sustainability in new student orientation is available :

<http://fallwelcome.ucdavis.edu/>

Sustainability Outreach and Publications

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution produces outreach materials and/or publications that foster sustainability learning and knowledge. The publications and outreach materials may include the following:

- A central sustainability website that consolidates information about the institution's sustainability efforts
 - A sustainability newsletter
 - A vehicle to publish and disseminate student research on sustainability
 - Building signage that highlights green building features
 - Food service area signage and/or brochures that include information about sustainable food systems
 - Signage on the grounds about sustainable groundskeeping strategies employed
 - A sustainability walking map or tour
 - A guide for commuters about how to use alternative methods of transportation
 - A guide for green living and incorporating sustainability into the residential experience
 - Regular coverage of sustainability in the main student newspaper, either through a regular column or a reporter assigned to the sustainability beat
 - Other
-

"---" indicates that no data was submitted for this field

Does the institution have a central sustainability website that consolidates information about the institution's sustainability efforts? :

Yes

A brief description of the central sustainability website that consolidates information about the institution's sustainability efforts :

UC Davis maintains several forms of outreach and communication materials related to sustainability learning and knowledge, including a website devoted to campus sustainability, covering campus progress toward sustainability goals, ways to take action, sustainability research, and student life and learning opportunities.

The website URL for the central sustainability website that consolidates information about the institution's sustainability efforts :

<http://sustainability.ucdavis.edu/index.html>

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Does the institution have a sustainability newsletter? :

Yes

A brief description of the sustainability newsletter :

Student Housing distributes a weekly email newsletter called the Aggie Reader. Every Aggie Reader has a section devoted to sustainability news, events, facts, tips, etc. Any campus department may submit material for the Aggie Reader.

In addition to this, Field Notes is an email newsletter on sustainability issues produced by the John Muir Institute of the Environment.

The website URL for the sustainability newsletter :

<http://johnmuir.ucdavis.edu/news/field-notes>

Does the institution have a vehicle to publish and disseminate student research on sustainability? :

Yes

A brief description of the vehicle to publish and disseminate student research on sustainability :

A website devoted to campus sustainability, which can also be used as a vehicle to disseminate student research on sustainability.

The website URL for the vehicle to publish and disseminate student research on sustainability :

<http://sustainability.ucdavis.edu/index.html>

Does the institution have building signage that highlights green building features? :

Yes

A brief description of building signage that highlights green building features :

Student Housing includes building signage that highlights green building features in all LEED certified buildings. The signage is prominent and includes information on green building features in each LEED category.

The website URL for building signage that highlights green building features :

http://housing.ucdavis.edu/__pdf/sustainable_living.pdf

Does the institution have food service area signage and/or brochures that include information about sustainable food systems? :

Yes

A brief description of food service area signage and/or brochures that include information about sustainable food systems :

Signage and/or brochures on sustainable food systems - signage for locally grown, sustainably produced items when served. Information throughout the dining room on food waste and napkin waste. Posters throughout the dining facilities on the 7 core sustainability practices within dining services. Table tents with monthly sustainable foodsystems related topics. Bulletin board and chalk boards updated monthly with sustainable foodsystems related topics.

The website URL for food service area signage and/or brochures that include information about sustainable food systems :

<http://www.dining.ucdavis.edu/sustainability.html/>

Does the institution have signage on the grounds about sustainable grounds-keeping strategies employed? :

Yes

A brief description of signage on the grounds about sustainable grounds-keeping strategies employed :

In The UC Davis Arboretum there are brightly-colored signs identifying the All-Stars, which are 100 tough, reliable plants that have been tested in the Arboretum, are easy to grow plants that don't need a lot of water, have few problems with pests or diseases, and have outstanding qualities in the garden. Each sign includes a photo of the plant in bloom, a list of its outstanding features, and information about how to grow it.

The website URL for signage on the grounds about sustainable grounds-keeping strategies employed :

http://arboretum.ucdavis.edu/arboretum_all_stars.aspx

Does the institution have a sustainability walking map or tour? :

Yes

A brief description of the sustainability walking map or tour :

A self-guided sustainability field trip map, which includes both a walking and a biking tour, in print form.

The website URL of the sustainability walking map or tour :

<http://campusmap.ucdavis.edu/sustainability/>

Does the institution have a guide for commuters about how to use alternative methods of transportation? :

Yes

A brief description of the guide for commuters about how to use alternative methods of transportation :

The goClub, UC Davis TAPS' alternative transportation program, provides resources to commuters about alternative transportation primarily online, through the goClub website. Additional online transportation resources are available through the TAPS website, the TAPS electronic newsletter and through social media channels. Printed materials such as train and transit schedules and goClub brochures are regularly distributed to six locations around campus, including two staffed information kiosks. Commuter information for new students, faculty and staff is also distributed at campus events throughout the year including the Fall Resource Fair for new students and the annual New Employee Orientation. Announcements about alternative transportation resources regularly appear in the "Staff Voice"

newsletter and the “Aggie Reader” newsletter for residential students.

The website URL for the guide for commuters about how to use alternative methods of transportation :

<http://taps.ucdavis.edu/newsletter/>

Does the institution have a guide for green living and incorporating sustainability into the residential experience? :

Yes

A brief description of the guide for green living and incorporating sustainability into the residential experience :

Student Housing has an online guide for green living and sustainability in the residential experience. The "Sustainable Living Guide" introduces residence hall students to Student Housing's commitment to creating and providing a sustainable living environment, while teaching them how they can maintain a sustainable lifestyle both while living in the residence halls and after they move on.

The website URL for the guide for green living and incorporating sustainability into the residential experience :

http://housing.ucdavis.edu/__pdf/sustainable_living.pdf

Does the institution have regular coverage of sustainability in the main student newspaper (either through a regular column or a reporter assigned to the sustainability beat)? :

Yes

A brief description of regular coverage of sustainability in the main student newspaper, either through a regular column or a reporter assigned to the sustainability beat :

Student Housing distributes a weekly email newsletter called the Aggie Reader. Every Aggie Reader has a section devoted to sustainability news, events, facts, tips, etc. Any campus department may submit material for the Aggie Reader.

The website URL for regular coverage of sustainability in the main student newspaper, either through a regular column or a reporter assigned to the sustainability beat :

http://housing.ucdavis.edu/__pdf/sustainable_living.pdf

Does the institution produce another sustainability publication or outreach material not covered above? (1st material) :

Yes

A brief description of this material :

A blog and social media that feature material on sustainability.

The website URL for this material :

<http://blogs.ucdavis.edu/sustainability/>

Does the institution produce another sustainability publication or outreach material not covered above? (2nd material) :

A brief description of this material :

The website URL for this material :

Does the institution produce another sustainability publication or outreach material not covered above? (3rd material) :

A brief description of this material :

The website URL for this material :

Does the institution produce another sustainability publication or outreach material not covered above? (4th material) :

A brief description of this material :

The website URL for this material :

Does the institution produce another sustainability publication or outreach material not covered above? (5th material) :

A brief description of this material :

The website URL for this material :

Does the institution produce another sustainability publication or outreach material not covered above? (6th material) :

material) :

A brief description of this material :

The website URL for this material :

Does the institution produce another sustainability publication or outreach material not covered above? (7th material) :

A brief description of this material :

The website URL for this material :

Does the institution produce another sustainability publication or outreach material not covered above? (8th material) :

A brief description of this material :

The website URL for this material :

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have an active student group focused on sustainability? :

Yes

The name and a brief description of each student group :

Campus Center for the Environment

The Campus Center for the Environment is the Environmental Unit of the Associated Students of the University of California, Davis (ASUCD). The group, comprised of 6 undergraduate student staff members, aims to promote a sustainable lifestyle and environmental awareness at UC Davis through education, tabling, events, student-led classes, and ASUCD events.

California Student Sustainability Coalition - UC Davis chapter

The UC Davis chapter of California Student Sustainability Coalition (commonly referred to as the CSSC) is a student led organization that is part of the larger, statewide CSSC. There are chapters at UC, CSU, community college and even private university campuses across the state. It is their mission to “unite and empower the California community of higher education to collaboratively and nonviolently transform ourselves and our institutions based on our inherent social, economic, and ecological responsibilities.” The CSSC creates and endorses campaigns that span many university campuses in California.

CalPIRG - UC Davis chapter

CalPIRG is a grassroots public interest group that lobbies for issues that they believe are relevant to the general public. They mainly focus on higher education, clean energy, hunger and homelessness, forest protection, and voter registration.

Make Davis Cool - Cool Davis Initiative's student taskforce

In 2008, the City of Davis adopted the Davis Climate Action and Adaption Plan, which was designed to involve the community in a plan to reduce greenhouse gas emissions. This plan started the organization Cool Davis Initiative. CDI's task force of students is called Make Davis Cool. CDI is “a community-based group that works to engage 80 percent of Davis residents in some sort of sustainability habits.”

Davis Green Greek Initiative

Promotes sustainability and increases environmental-consciousness within the UC Davis Greek community. Aims at cost-effective ways to make events more sustainable and environmentally friendly, as well as fundraisers, service projects and joint-efforts with similar clubs on campus.

Davis Net Impact

An international non-profit organization dedicated to fostering a network of business leaders who use the power of business to create a positive net social, environmental, and economic impact. Constantly searching for new and innovative approaches to socially responsible businesses that make a positive impact on the world.

Davis Student Food Co-op

Devoted to providing Real Food to UC Davis students at an affordable cost. Real Food is environmentally-friendly, socially-just, and nourishing to the consumer.

Environmental Science and Policy Club

The Environmental Science and Policy Club encourages students to be active in their environment through outdoor activities like clean-ups and hiking, and conservation efforts and serves to familiarize students with the Department of Environmental Science and Policy and faculty.

Project Compost

Project Compost is a student-run, student-funded unit of the Associated Students of the University of California, Davis (ASUCD). Volunteer opportunities are always available. Most volunteers go on compost runs and collect food matter from pick-up sites on campus, help with giving workshops, tabling, making educational material, and much more. There are also internships.

Real Food Challenge

The Real Food Challenge serves as both a campaign and a network. The campaign is to increase the procurement of real food on college and university campuses, with the national goal of 20% real food by 2020. By leveraging their purchasing power, they can catalyze the transformation of the larger food system. The network offers a chance for students and their allies to make connections, learn from one another, and grow the movement.

S.E.E.D.

Focused on enhancing environmental education in local elementary schools where college students serve as a vital link between the University and the community by making campus resources available to elementary school teachers.

Student Farm

Since its inception in 1977, the Student Farm has served the UC Davis students and faculty, farmers, gardeners, school children and many others. Its unique program centers around three principles:

A focus on sustainable agriculture principles and practices,

An emphasis on in-field, experiential learning,

The encouragement of student initiative, creativity and exploration.

Students for Sustainable Agriculture (SSA)

Works to engage the campus and larger community in a socially just and ecologically balanced approach to agriculture.

List up to 4 notable recent activities or accomplishments of student group(s) :

CCE

1. 2012 Sustainability Summit (The Campus Center for the Environment, in partnership with the California Students for Sustainability Coalition and the Office of Environmental Stewardship and Sustainability, coordinated the 10th annual Sustainability Summit, a forum to highlight the successes of innovative projects at UC Davis that contribute to sustainability for the campus, the community, the region and the world.)

2. Creation and publication of the CCE Handbook

3. Creation and/or coordination of sustainability-related internships, jobs, and research opportunities

4. Maintenance of a sustainability-related event calendar, as well as website with comprehensive listing of resources and organizations

5. Implemented the Resident Garden at Segundo with the help of Dining Services Sustainability office and Student Housing. The aim of the garden is to educate freshman about the importance of growing their own food and buying local, organic produce.

6. Passed a bill through the UC Davis Panhellenic organization requiring all sorority philanthropy events to be zero-waste. Work with the ASUCD Coffee House to purchase compostable plates, silverware, and trash bags to sell at-cost to the sororities. Coordinates with ASUCD Unit Project Compost to arrange the pick-up of compostable waste.

7. Implemented the Field Guide to Sustainable Living in Davis class, a student-led field trip based class that provided a comprehensive introduction to how to live sustainably in Davis to freshman and transfer students.

CSSC

1. Responsible for the Education for Sustainable Living Program (The only student-run class offered at UC Davis, ESLP is a seminar series which hosts guest lectures by renowned educators, authors, environmentalists, and progressive thinkers.)

2. Advocated for responsible investing in the UC System

3. Hosted the CSSC Convergence in 2011

4. Coordinated the Environmental Club Showcase (fair featuring sustainability-related clubs and organizations on campus)

CalPIRG

1. Collected signatures for a polystyrene-ban in the community

2. Promoted the Energy Services Corp campaign

3. Worked on a foodwaste campaign for clubs and non-profits

4. Worked on the "Ban the Bag" campaign

Make Davis Cool

1. Coordinated the Pound for Pound Challenge

2. Active participant in Earth Week events

3. Involved in UC Davis Picnic Day

4. Cool California Project & Cool Davis Challenge

Davis Net Impact

1. Careers with IMPACT Panel

2. Fighting Climate Change Globally Through Regional Collaboration

3. Greenbridge Networking Night

4. Net Impact Tahoe Trip

5. Job Shadow Day: Institute at the Golden Gate

Student Farm

1. internships

2. formal courses

3. research projects

Students for Sustainable Ag

1. Development of curriculum for new UC Davis Sustainable Agriculture major: Sustainable Agriculture and Food Systems
UC Davis/Davis Sustainable Ag directory

2. Involved in the Farm-to-College event with UC Davis Dining Services

3. Campus Food System Sustainability Project

4. Community outreach (website, sustainable agriculture poster displays, attending events, fact sheets etc.)

5. Recruitment, network building and strategic planning

6. Alternatives in Sustainable Agriculture lecture series planning

7. Local Dirt! A public affairs radio show focused on agrifood system issues

List other student groups that address sustainability :

The website URL where information about student group(s) is available :

<http://cce.ucdavis.edu/>

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Submission Note:

UC Davis offers many gardens, large and small, for campus and community members to be involved with organic or sustainable gardening. Among them are the Student Farm, the Experimental College Community Garden, the Plant and Environmental Sciences Salad Bowl Garden, and the Resident Garden at Segundo.

"---" indicates that no data was submitted for this field

Does the institution have an on-campus garden where students are able to gain organic farming and/or gardening experience? :

Yes

A brief description of the garden :

The Resident Garden at Segundo is a space for all on-campus residents to learn about edible plants, how they are grown and cared for and how they can be prepared after harvesting! The garden also provides an opportunity for student leadership and community involvement. The Resident Garden is located in the Segundo Resident Area between Bixby Hall and Segundo Dining Commons.

In 1977, UC Davis students created the Student Farm to get hands-on experience in sustainable agriculture. It is now a certified organic farm, with a popular Community Supported Agriculture program, Student Harvests, that has a wait list, and a Market Garden, which sells produce to the Coffee House, Dining Services, and at the on-campus Farmers Market. It is also a key resource for and part of the new Sustainable Agriculture and Food Systems major.

Further information can be found at:

<http://studentfarm.ucdavis.edu/>

The website URL where information about the garden is available :

<http://dining.ucdavis.edu/sus-garden.html>

Model Room in a Residence Hall

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Submission Note:

The model room experiences a significant amount of traffic and incorporates sustainable living principles. It is unclear how the room being occupied or unoccupied has a further impact. Student Housing at UC Davis respects the privacy of the residents, to every extent possible, therefore it seems unlikely that there would be tenants in the model room in the near future.

"---" indicates that no data was submitted for this field

Does the institution have an occupied, formally designated model room in a residence hall that is open to students during regular hours and demonstrates sustainable living principles? :

Yes

A brief description of the model room :

UC Davis has a formally designated model room in a residence hall that is open to students during regular visitation hours and demonstrates sustainable living principles, but the model room is not occupied by residents.

The website URL where information about the model room in the residence hall is available :

Themed Housing

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have sustainability-themed housing (residential floor or hall, or theme house) where residents learn about sustainability together and to which residents must apply? :

Yes

A brief description of the themed housing, including name(s) and descriptions of theme(s) :

Environmental, Agricultural and Sustainability Education Academic Theme Program - The Environmental and Agricultural Sustainability Education Living- Learning Community is open to all students interested in local, regional, and global issues relating to the environment and agriculture. Students from all majors can benefit from examining these issues by participating in informal discussions through this program. Students have the opportunity to attend a variety of programs, activities and events that will explore issues related to the environment, agriculture and sustainability, which may include discussions, faculty panels, and career explorations. There are about 70-80 students in EASE.

The Tri-Cooperatives are one community, comprised of three craftsman-style houses on campus that place emphasis on low-impact living. The Tri-Coops give students the opportunity to experience communal living, gardening, and consensus based decision making. The Tri-Coop community as a whole emphasizes community, cooperation, and responsibility. There are a maximum of 36 residents living in the Tri-Cooperatives.

Further information can be found at:

http://housing.ucdavis.edu/housing/tri_cooperatives.asp

The website URL where information about the themed housing is available :

<http://housing.ucdavis.edu/education/communities/ease.asp>

The total number of residents in themed housing. :

116

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a student-run enterprise, such as a cafe, through which students gain sustainable business skills? :

Yes

A brief description of the enterprise :

Found in 1968, Unitrans is a unit of ASUCD which operates the transit system serving the UC Davis campus and the entire City of Davis. Approximately 250 students are employed, filling all the operational positions (driver, supervisor, dispatcher, trainer), as well as numerous positions in maintenance, administration, and management. Service is provided on 49 buses fueled primarily by compressed natural gas, and most doubledecker buses using biodiesel fuel. Over 21,000 passengers are carried each weekday, and over 3.6 million per year. Students gain tremendous experience relating to many aspects of sustainability in working at Unitrans. The entire enterprise is devoted to providing a more sustainable means of transporting thousands of people each day by using the bus instead of a car. They see directly the challenges in providing service that is convenient and accessible to the community. Maintenance staff is constantly looking at ways to save fuel and reduce use of materials. The ultimate sustainable statement is the continued use of vintage buses which were first built in the 1940s/50s and have been converted to clean diesel or CNG -- allowing them to continue in service rather than having to buy an entirely new vehicle.

The Associated Students--UC Davis, Coffee House is a \$4M, multi-platform, break-even operation staffed by 5 full-time and career employees, a handful of student managers, and over 250 student employees. There are seven different service platforms, including a bakery, pizza servery, deli, tex-mex grill, build-to-order salad station and a home-style foods venue.

Aggie ReStore was inspired by the work of Design professor Ann Savageau who collects campus and community waste for use by students in her sustainable design class. Over the last couple of years Professor Savageau has found the amount of materials overwhelming but their creative reuse potential limitless. The graduate students that started the Aggie ReStore hope that salvaging some of these items from the trash will benefit people affected by rising tuition and living costs while also supporting Professor Savageau's original mission to spread environmental awareness through creative reuse.

Davis Net Impact offers networking and educational opportunities every quarter that bring together current and past classmates while encouraging community involvement. From sustainable business symposia to "day on the job" events, and from community volunteering events to the annual welcome retreat, Davis Net Impact provides members and the GSM community with a wide variety of engaging events every quarter.

The Pantry is a food bank for UC Davis students which aims to prevent students from having access to basic necessities, including food and toiletries, due to financial constraints.

UC Davis Student Farm is an educational site that includes the Ecological Garden and the Market Garden. The Ecological Garden mainly brings in elementary or middle school students that learn about their food, and UC Davis students and interns that learn how to maintain a garden, fruit trees, and chickens.

The Market Garden has a certified organic CSA (community-supported agriculture) basket year-round for UC Davis students, staff, and faculty. Currently, 70 subscribers pay \$21/week for a basket every week full of produce grown here at the Market Garden. The Market Garden has also recently been selling more produce to the Dining Commons (mainly Cuarto, who buys around \$200 worth of produce/week) and the UC Davis Farmers' Market. Next year, the Market Garden plans to expand past the current 4.5 acres to better accommodate the requests from UC Davis Dining Service. In addition to providing delicious and local produce to the UC Davis community, the Market Garden allows for students and interns to learn about sustainable agriculture as they help harvest vegetables, set up irrigation, sow seeds, and transplant plants.

Project Compost is a student-run organization under ASUCD that teaches people how to compost through quarterly workshops and tabling events. In addition, Project Compost picks up some of the organic waste from campus, including kitchen scraps from the CoHo, fruit from pomology labs, and plant matter from greenhouses, and compost it here on campus (as opposed to having it trucked out of town). Student volunteers help maintain the compost pile, and finished compost is used by local gardeners, such as those in the Domes, Experimental College gardens, or the Tri Co-ops.

Further information can be found at:

<https://sites.google.com/site/gsmnetimpact/>

<http://studentfarm.ucdavis.edu/market-garden>

<http://projectcompost.ucdavis.edu/>

<http://coffeehouse.ucdavis.edu/local>

The website URL where information about the sustainable enterprise is available :

<http://www.unitrans.com/>

Sustainability Events

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution hold major events related to sustainability, such as conferences, speaker series, or symposia, that have students as the intended audience? :

Yes

A brief description of the event(s) :

The Sustainability Summit is an annual event at the end of each school year, and is a perfect example of following the “us against the problem” motto. The event features student, staff, faculty, and administrator as speakers. It is an opportunity for all attendants to network, inspire one another, and celebrate their accomplishments in the last year. The Summit supports the belief that we are all equals and need to work together to make a difference in the issue of preserving the integrity of the Earth.

Another annual event held at UC Davis is the Education for Sustainable Living Program (ESLP). The program has created a web of learning and education that has woven itself into the campus and the community. Not only does the program engage students and community members with stimulating presenters, but it also empowers them to do amazing things in the community. The Action Research Teams (ART) allow students to participate in projects ranging from a pedal-powered laptop charger to informational videos about bike commuting to Sacramento. In fact, ESLP projects and participants can be found in many facets of the community and campus. Furthermore, it has given rise to new clubs that enhance student life.

In addition to these events, in April 2012, Bill McKibben, a noted author and activist for global warming solutions, came to speak at UC Davis as part of the Capital Public Radio speaker series, and students were invited and encouraged to attend the free talk.

Further information can be found at:

<http://sustainability.ucdavis.edu>

The website URL where information about the event(s) are available :

<http://johnmuir.ucdavis.edu/events>

Outdoors Program

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a wilderness or outdoors program that organizes hiking, backpacking, kayaking, or other outings for students and follows Leave No Trace principles? :

Yes

A brief description of the program :

UC Davis Campus Recreation: Outdoor Adventures has spent more than 35 years helping the UC Davis community enjoy the outdoors. Offering a range of diverse hiking, whitewater, and kayaking opportunities, Outdoor Adventures also features a friendly student staff, a helpful resource center of books and maps, comprehensive first aid training, and a rental center stocked with top quality equipment at reasonable prices. California offers some of the most spectacular natural areas in the world, from Yosemite, to Mt. Lassen, to Point Reyes, to the American and Klamath Rivers, Outdoor Adventures can take you there.

The website URL where information about the program is available :

<http://campusrecreation.ucdavis.edu/cms/internal.aspx?uid=2d222162-a3da-46e3-bbbd-ee515fdcd515>

Themed Semester or Year

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Has the institution chosen a sustainability-related theme for its themed semester, year, or first-year experience during the past three years? :

Yes

A brief description of the themed semester, year, or first-year experience :

Student Housing operates the "Go Zero Waste by 2020" campaign, year-round, as a first-year experience for all students living in the residence halls. Related activities begin as early as just prior to the students' arrival to campus where the Go Zero Waste logo has been included in publications and information about reducing waste during move-in is distributed. The "Go Zero Waste by 2020" campaign is included in Fall Welcome (orientation), residence hall programs, dining programs, brochures, publications, and social media content. The logo is included on the stainless steel bottle that is provided to every resident as a reminder that they can contribute to reducing waste by using the bottle to fill up, instead of purchasing plastic bottles of water. A popular item is the "Go Zero Waste" shirt which includes a design on the back that is created by a student to represent what waste reduction means and voted by their peers as the best design as part the Go Zero Waste Challenge (a friendly sustainability competition among the residence hall areas). The shirt is made available as a prize throughout the year at programs and for correctly responding to trivia on the Student Housing Facebook page.

The sustainability-related book that was chosen, if applicable :

The website URL where information about the theme is available :

<http://occr.ucdavis.edu/ccbp2011/images/ccbp-poster.pdf>

Curriculum

This subcategory seeks to recognize institutions that have formal education programs and courses that address sustainability. One of the primary functions of colleges and universities is to educate students. By training and educating future leaders, scholars, workers, and professionals, higher education institutions are uniquely positioned to prepare students to understand and address sustainability challenges. Institutions that offer courses covering sustainability issues help equip their students to lead society to a sustainable future.

Credit
Sustainability Course Identification
Sustainability-Focused Courses
Sustainability-Related Courses
Sustainability Courses by Department
Sustainability Learning Outcomes
Undergraduate Program in Sustainability
Graduate Program in Sustainability
Sustainability Immersive Experience
Sustainability Literacy Assessment
Incentives for Developing Sustainability Courses

Sustainability Course Identification

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Part 1

Institution has developed a definition of sustainability in the curriculum. The definition was developed by a committee comprised of at least three faculty members who teach courses in different departments. The committee may include students, staff, and other stakeholders as well. The definition does not have to be formally adopted.

In order to report on other STARS Curriculum credits, the definition of sustainability in the curriculum should distinguish between courses that focus or concentrate on the concept of sustainability throughout the course and courses that relate to an aspect of sustainability or include sustainability as part of the course.

- Sustainability-focused courses concentrate on the concept of sustainability, including its social, economic, and environmental dimensions, or examine an issue or topic using sustainability as a lens.
- Sustainability-related courses incorporate sustainability as a distinct course component or module or concentrate on a single sustainability principle or issue.

Part 2

Institution has identified its sustainability-focused and sustainability-related course offerings. A course is either sustainability-focused or sustainability-related; no course should be identified as both sustainability-focused and sustainability-related. Each institution is free to choose a methodology to identify sustainability courses that is most appropriate given its unique circumstances. Asking faculty or departments to self-identify sustainability courses using the definition in Part 1 or looking at the stated learning outcomes and course objectives associated with each course may provide a richer view of sustainability course offerings than simply reviewing course descriptions, but it is not required.

Part 3

Institution makes its sustainability course inventory publicly available online. The identification can be incorporated into the course catalog or posted as a stand-alone document.

"---" indicates that no data was submitted for this field

Has the institution developed a definition of sustainability in the curriculum? :

No

A copy of the institution's definition of sustainability in the curriculum? :

Has the institution identified its sustainability-focused and sustainability-related course offerings? :

Yes

A brief description of the methodology the institution followed to complete the inventory :

The course catalog, the John Muir Institute for the Environment website, and the list of courses posted on the UC Sustainable 2nd Century website were used to identify the courses. A list of courses was compiled and sent to department advisors as well as faculty for review.

Does the institution make its sustainability course inventory publicly available online? :

Yes

The website URL where the sustainability course inventory is posted :

http://sustainability.ucdavis.edu/students/classes/class_list.html

Sustainability-Focused Courses

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution offers sustainability-focused academic courses.

This credit does not include continuing education and extension courses, which are covered by *PAE Credit 21: Sustainability in Continuing Education*.

"---" indicates that no data was submitted for this field

The number of sustainability-focused courses offered :

342

The total number of courses offered :

11623

Number of years covered by the data :

Three

A list of sustainability-focused courses offered :

- Agricultural and Resource Economics 15: Population, Environment and World Agriculture
- Agricultural and Resource Economics 121: Economics of Agricultural Sustainability
- Agricultural and Resource Economics 147: Resource and Environmental Policy Analysis
- Agricultural and Resource Economics 147M: Resource and Environmental Policy Analysis
- Agricultural and Resource Economics 175: Natural Resource Economics
- Agricultural and Resource Economics 176: Environmental Economics
- Agricultural and Resource Economics 277: Natural Resource Economics
- Agricultural Education 100: Concepts in Agricultural and Environmental Education
- Animal Science 112: Sustainable Animal Agriculture
- Animal Science 129: Environmental Stewardship in Animal Production Systems
- Anthropology 103: Indigenous Peoples and Natural Resource Conservation
- Applied Biological Systems Technology 165: Irrigation Practices for an Urban Environment
- Atmospheric Science 5: Global Climate Change
- Atmospheric Science 6: Fundamentals of Atmospheric Pollution
- Atmospheric Science 30: Issues in Atmospheric Science
- Atmospheric Science 116: Climate Change

- Biological Systems Engineering 115: Forest Engineering
- Biological Systems Engineering 135: Bioenvironmental Engineering
- Biological Systems Engineering 147: Runoff, Erosion and Water Quality Management in the Tahoe Basin
- Biological Systems Engineering 216: Energy Systems
- Biological Systems Engineering 218: Solar Thermal Engineering
- Biological Systems Engineering 243: Water Resource Planning and Management
- Civil and Environmental Engineering 123: Urban Systems and Sustainability
- Civil and Environmental Engineering 125: Building Energy Performance
- Civil and Environmental Engineering 126: Integrated Planning for Green Civil Systems
- Civil and Environmental Engineering 127: Integrated Design for Green Civil Systems
- Civil and Environmental Engineering 143: Green Engineering Design and Sustainability
- Civil and Environmental Engineering 162: Transportation Land Use Sustainable Design
- Civil and Environmental Engineering 163: Energy and Environmental Aspects of Transportation
- Civil and Environmental Engineering 244: Life Cycle Assessment
- Civil and Environmental Engineering 252: Sustainable Transportation Technology and Policy
- Civil and Environmental Engineering 267: Water Resources Management
- Civil and Environmental Engineering 270: Advanced Water Resources Management
- Community and Regional Development 20: Food Systems
- Community and Regional Development 149: Environmental Justice
- Design 127A: Sustainable Design
- Design 127B: Studio Practice in Sustainable Design
- Ecology 216: Ecology and Agriculture
- Ecology 217: Conservation and Sustainable Development in Third World Nations
- Ecology 222: Human Ecology of Agriculture
- Education 142: Introduction to Environmental Education
- Entomology 135: Introduction to Biological Control
- Entomology 230: Advanced Biological Control
- Environmental Horticulture 100: Urban Forestry
- Environmental Horticulture 150: Genetics and Plant Conservation: the Biodiversity Crisis
- Environmental Horticulture 160: Restoration Ecology
- Environmental Horticulture 160L: Restoration Ecology Lab
- Environmental Science and Management 8: Water Quality at Risk
- Environmental Science and Management 100: Principles of Hydrologic Science
- Environmental Science and Management 120: Global Environmental Interactions
- Environmental Science and Management 121: Water and Society
- Environmental Science and Management 131: Air as a Resource
- Environmental Science and Management 195: Environmental Issues
- Environmental Science and Policy 1: Environmental Analysis
- Environmental Science and Policy 10: Current Issues in the Environment
- Environmental Science and Policy 111: Marine Environmental Issues
- Environmental Science and Policy 161: Environmental Law
- Environmental Science and Policy 162: Workshop on Food System Environmental Policy
- Environmental Science and Policy 163: Energy and Environmental Aspects of Transportation
- Environmental Science and Policy 167: Energy Policy
- Environmental Science and Policy 173: Land Use and Growth Controls
- Environmental Science and Policy 179: Environmental Impact Assessment
- Environmental Science and Policy 191A: Workshop on Food System Sustainability
- Environmental Science and Policy 191B: Workshop on Food System Sustainability

- Environmental Science and Policy 198: The Education for Sustainable Living Program
- Evolution and Ecology 120: Global Change Ecology
- Geology 10: Modern and Ancient Global Environmental Change
- Geology 18: Energy and the Environment
- Geology 130: Non-Renewable Natural Resources
- Geology 134: Environmental Geology and Land Use Planning
- Geology 198: Geothermal Energy
- Geology 232: The Oceans and Climate Change
- History 109A: Global Environmental History
- Hydrology 10: Water, Power, and Society
- Hydrology 47: Watershed Processes and Water Quality in the Tahoe Basin
- Hydrology 141: Physical Hydrology
- Hydrology 142: Systems Hydrology
- Hydrology 143: Hydrological Processes in the Ecosystems
- Hydrology 144: Groundwater Hydrology
- Hydrology 146: Hydrology and Contaminant Transport
- Hydrology 182: Environmental Analysis Using GIS
- International Agricultural Development 160: Agroforestry: Global and Local Perspectives
- International Agricultural Development 162: Field Course in Tropical Ecology and Sustainable Agricultural Development
- International Agricultural Development 201: The Economics of Small Farms and Farming Systems
- International Agricultural Development 202N: Analysis and Determinants of Farming Systems
- International Agricultural Development 290: Agroecosystem Assessment
- Landscape Architecture 3: Sustainable Development: Theory and Practice
- Landscape Architecture 98: Field Guide to Sustainable Living in Davis
- Plant Sciences 1: Agriculture, Nature and Society
- Plant Sciences 12: Plants and Society
- Plant Sciences 15: Introduction to Sustainable Agriculture
- Plant Sciences 49: Organic Crop Production Practices
- Plant Sciences 101: Agriculture and the Environment
- Plant Sciences 105: Concepts in Pest Management
- Plant Sciences 130: Rangelands: Ecology, Conservation and Restoration
- Plant Sciences 142: Ecology of Crop Systems
- Plant Sciences 150: Sustainability and Agroecosystem Management
- Plant Sciences 163: Ecosystem and Landscape Ecology
- Plant Sciences 190: Seminar on Alternatives in Agriculture
- Political Science 107: Environmental Politics and Administration
- Political Science 207: Environmental Public Policy
- Science and Society 8: Water Quality at Risk
- Science and Society 9: Crisis in the Environment
- Science and Society 10: Water, Power, Society
- Science and Society 25: Global Climate Change: Convergence of Biological, Geophysical, and Social Sciences
- Science and Society 90A: Issues in Environmental and Resource Sciences
- Science and Society 90D: Saving Endangered Plant Species: Problems and Prospects
- Science and Society 90G: Science, Society and the Environment
- Sociology 160: Sociology of the Environment
- Soil Science 109: Sustainable Nutrient Management
- Soil Science 218: Soil Erosion and Conservation
- Technocultural Studies 198: The Internet as a Medium for Education about Science and Sustainability

- Transportation Technology and Policy 178A: D-Lab
- Transportation Technology and Policy 289B: The Economics of Energy Efficiency

The website URL where the publicly available sustainability course inventory that includes a list of sustainability-focused courses is available :

http://sustainability.ucdavis.edu/students/classes/class_list.html

A copy of the sustainability course inventory :

Sustainability-Related Courses

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution offers sustainability-related academic courses.

This credit does not include continuing education and extension courses, which are covered by *PAE Credit 21: Sustainability in Continuing Education*.

"---" indicates that no data was submitted for this field

The number of sustainability-related courses offered :

345

The total number of courses offered :

11623

Number of years covered by the data :

Three

A list of sustainability-related courses offered :

- Agricultural Education 190: Seminar in Agricultural Education
- Agricultural Education 300: Directed Field Experience in Teaching
- Agricultural Education 302: Teaching Methods in Agricultural Education
- Agricultural Education 306A: Field Experience with Future Farmers of America and Supervised Experience Programs
- Agricultural Education 306B: Field Experience in Teaching Agriculture
- Agricultural Education 323: Resource Development: Agricultural Education
- Agricultural Education 390: Seminar: Issues in Agricultural Education
- Agricultural and Environmental Chemistry 290: Seminar
- Agricultural and Resource Economics 1: Economic Basis of Agricultural Industry
- Agricultural and Resource Economics 1S: Economic Basis of Agricultural Industry
- Agricultural and Resource Economics 115A: Economic Development
- Agricultural and Resource Economics 115B: Economic Development
- Agricultural and Resource Economics 140: Farm Management
- Agricultural and Resource Economics 190: Topics in Agricultural and Resource Economics
- Anthropology 101: Ecology, Nature, and Society
- Anthropology 104N: Cultural Politics of the Environment

- Anthropology 126A: Anthropology of Development
- Atmospheric Science 30: Issues in Atmospheric Science
- Atmospheric Science 241: Climate Dynamics
- Atmospheric Science 280A: Air Quality Policy in the Real World
- Atmospheric Science 280B: Air Quality Policy in the Real World
- Biological Systems Engineering 144: Groundwater Hydrology
- Biological Systems Engineering 162: Industrial Bioprocessing
- Biological Systems Engineering 215: Soil-Machine Relations in Tillage and Traction
- Biological Systems Engineering 242: Hydraulics of Surface Irrigation
- Biological Systems Engineering 267: Renewable Bioprocessing
- Civil and Environmental Engineering 144: Groundwater Systems Design
- Civil and Environmental Engineering 146: Water Resources Simulation
- Civil and Environmental Engineering 149: Air Pollution
- Civil and Environmental Engineering 150: Air Pollution Control System Design
- Civil and Environmental Engineering 155: Water Resources Engineering Planning
- Civil and Environmental Engineering 240: Water Quality
- Community and Regional Development 140: Dynamics of Regional Development
- Community and Regional Development 142: Rural Change in the Industrialized World
- Community and Regional Development 152: Community Development
- Community and Regional Development 153A: International Community Development: Asia
- Community and Regional Development 153B: International Community Development: Europe
- Community and Regional Development 172: Social Inequality: Issues and Innovations
- Community and Regional Development 180: Transnational Community Development
- Community and Regional Development 241: The Economics of Community Development
- Community and Regional Development 248: Social Policy, Welfare Theories and Communities
- Community and Regional Development 248A: Social Policy, Welfare Theories and Communities I
- Community and Regional Development 248B: Social Policy, Welfare Theories and Communities II
- Community and Regional Development 440: Professional Skills for Community Development
- Design 138: Materials and Methods in Interior Design
- Ecology 200A: Principles and Applications of Ecology
- Ecology 200B: Principles and Applications of Ecology
- Ecology 204: Population and Community Ecology
- Ecology 205: Community Ecology
- Ecology 212A: Environmental Policy Process
- Ecology 212B: Environmental Policy Evaluation
- Ecology 213: Population, Environment, and Social Structure
- Entomology 110: Arthropod Pest Management
- Entomology 295: Current Topics in Agricultural Entomology and Bee Biology
- Environmental Science and Management 141: Fire Ecology
- Environmental Science and Management 173: Humans and Vegetation Change
- Environmental Science and Policy 100: General Ecology
- Environmental Science and Policy 127: Plant Conservation Biology
- Environmental Science and Policy 160: The Policy Process
- Environmental Science and Policy 165: Science, Experts, and Public Policy
- Environmental Science and Policy 168A: Methods of Environmental Policy Evaluation
- Environmental Science and Policy 169: Water Policy and Politics
- Environmental Science and Policy 170: Conservation Biology Policy
- Environmental Science and Policy 171: Urban and Regional Planning

- Environmental Science and Policy 172: Public Lands Management
- Environmental Science and Policy 178: Applied Research Methods
- Environmental Toxicology 10: Introduction to Environmental Toxicology
- Environmental Toxicology 101: Principles of Environmental Toxicology
- Environmental Toxicology 102A: Environmental Fate of Toxicants
- Environmental Toxicology 120: Perspectives in Aquatic Toxicology
- Environmental Toxicology 127: Environmental Stress and Development in Marine Organisms
- Environmental Toxicology 131: Environmental Toxicology of Air Pollutants
- Environmental Toxicology 240: Ecotoxicology
- Environmental Toxicology 260: Immunotoxicology
- Environmental Toxicology 240: Toxicology of Pesticides
- Evolution and Ecology 2: Biodiversity
- Evolution and Ecology 11: Principles of Ecology
- History 109A: Global Environmental History
- History 172: American Environmental History
- International Agricultural Development 10: Introduction to International Agricultural Development
- International Agricultural Development 103: Social Change and Agricultural Development
- International Agricultural Development 203N: Project Planning and Evaluation
- International Agricultural Development 220: Food and Nutrition Strategies in Developing Countries
- Landscape Architecture 1: Landscape Meaning
- Landscape Architecture 180G: Special Topics in Landscape Architecture: Landscape and Regional Land Planning
- Native American Studies 212: Community Development for Sovereignty and Autonomy
- Nematology 205: Insect Nematology and Biological Control
- Plant Biology 119: Population Biology of Weeds
- Plant Pathology 120: Introduction to Plant Pathology
- Plant Pathology 150: Fungal Ecology
- Plant Pathology 155: Ecology of Forest Diseases
- Plant Pathology 201A: Impacts, Mechanisms, and Control of Plant Disease
- Plant Pathology 201B: Impacts, Mechanisms, and Control of Plant Disease
- Plant Pathology 205B: Diseases of Vegetable and Field Crops
- Plant Pathology 201A: Diseases of Fruit, Nut, and Vine Crops
- Plant Pathology 208: Ecology of Plant Pathogens and Epidemiology of Plant Diseases
- Plant Pathology 209: Principles of Plant Disease Control
- Plant Sciences 110A: Principles of Agronomic Crop Production in Temperate and Tropical Systems
- Plant Sciences 110B: Management of Agronomic Crops in Temperate and Tropical Systems
- Plant Sciences 110C: Crop Management Systems for Vegetable Production
- Plant Sciences 112: Forage Crop Ecology
- Plant Sciences 113: Biological Applications in Fruit Tree Management
- Plant Sciences 114: Biological Applications in Fruit Production
- Plant Sciences 162: Urban Ecology
- Plant Sciences 176: Introduction to Weed Science
- Science and Society 1: Critical Inquiry into Contemporary Issues
- Science and Society 90F: Feeding the Planet: Influences on the Global Food Supply
- Science and Society 12: Plants and Society
- Science and Society 2: Food Distribution in a Hungry World
- Soil Science 10: Soils in Our Environment
- Soil Science 102: Soil and Water Chemistry
- Soil Science 105: Field Studies of Soils in California Ecosystems

- Soil Science 111: Soil Microbiology
- Soil Science 118: Soils in Land Use and the Environment
- Soil Science 222: Global Carbon Cycle

The website URL where the sustainability course inventory that includes a list of sustainability-related courses is posted :

http://sustainability.ucdavis.edu/students/classes/class_list.html

A copy of the sustainability course inventory :

Sustainability Courses by Department

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution's academic departments (or equivalent) offer sustainability-related and/or sustainability- focused courses.

Submission Note:

We are pursuing this credit for STARS, but do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool Schools survey.

"---" indicates that no data was submitted for this field

The number of departments that offer at least one sustainability-related or -focused course :

0

The total number of departments that offer courses :

0

A list of departments that offer sustainability courses :

The website URL where the publicly available sustainability course inventory that includes a list of departments that offer sustainability courses is available :

A copy of the sustainability course inventory :

Sustainability Learning Outcomes

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution's students graduate from programs that include sustainability as a required learning outcome or include multiple sustainability learning outcomes.

For this credit, learning outcomes at the course level count if the course is required to earn the degree. This credit includes graduate as well as undergraduate programs. For this credit, "programs" include majors, minors, concentrations, certificates, and other academic designations. Programs that include co-curricular aspects may count as long as there is an academic component of the program.

Submission Note:

Courses required for each degree are listed under the 'degree requirements' for each program. A list of sustainability courses can be found at: sustainability.ucdavis.edu/students/classes/class_list.html.

"---" indicates that no data was submitted for this field

The number of graduates covered by the sustainability learning outcomes :

1207

Total number of graduates :

7693

A list of degree programs that have sustainability learning outcomes :

UNDERGRADUATE PROGRAMS

- Agricultural and Environmental Education
- Agricultural and Resource Economics
- Anthropology
- Civil Engineering: Environmental
- Civil Engineering: Transportation Planning and Evaluation
- Civil Engineering: Water Resources Engineering
- Design
- Community and Regional Development
- Ecological Management and Restoration
- Education, School of (minor)
- Engineering: Biological and Agricultural

- Environmental Geology (minor)
- Environmental Horticulture and Urban Forestry
- Environmental Policy Analysis and Planning
- Environmental Science and Management (requires internship)
- Environmental Toxicology
- Evolution, Ecology, and Biodiversity
- Geographic Information Systems (minor)
- Hydrology
- International Agricultural Development
- International Relations
- International Science Studies (minor)
- Plant Sciences
- Soil Science
- Sustainable Agriculture and Food Systems
- Sustainability in the Built Environment (minor)
- Viticulture and Enology
- Wildlife, Fish, and Conservation Biology

GRADUATE PROGRAMS

- Agricultural and Environmental Chemistry
- Agricultural and Resource Economics
- Civil and Environmental Engineering
- Community Development
- Ecology
- Horticulture and Agronomy
- Hydrological Sciences
- International Agricultural Development
- Plant Pathology
- Soils and Biogeochemistry
- Viticulture and Enology

The website URL where the publicly available sustainability course inventory that includes a list of degree programs that have specified sustainability learning outcomes is available :

<http://registrar.ucdavis.edu/UCDWebCatalog/programs.html>

A copy of the sustainability course inventory :

A list or sample of the sustainability learning outcomes associated with the degree programs :

Undergraduate Program in Sustainability

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution offers at least one sustainability-focused undergraduate major, degree program, or equivalent.

The degree program does not have to include sustainability in its name to count for this credit. Environmental Studies programs, for example, count as long as the program covers the social, economic, and environmental dimensions of sustainability. A program that focuses exclusively on environmental or social issues, however, would not be sufficient to earn this credit.

Concentrations within a major (e.g. a concentration on sustainable business within the business major) do not count for this credit.

"---" indicates that no data was submitted for this field

Does the institution offer an undergraduate degree program that meets the criteria for this credit? :

Yes

The name of the sustainability-focused, undergraduate degree program (1st program) :

Sustainable Agriculture and Food Systems

The website URL for the program (1st program) :

<http://www.sarep.ucdavis.edu/students/about-major>

The name of the sustainability-focused, undergraduate degree program (2nd program) :

The website URL for the program (2nd program) :

The name of the sustainability-focused, undergraduate degree program (3rd program) :

The website URL for the program (3rd program) :

The name and website URLs of all other sustainability-focused, undergraduate degree program(s) :

[STARS Reporting Tool](#) | [AASHE](#) | [Sierra Magazine](#)

Graduate Program in Sustainability

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution offers at least one sustainability-focused degree program or equivalent for graduate students.

The degree program does not have to include sustainability in its name to count for this credit. Environmental Studies programs, for example, count for this credit as long as the program covers the social, economic, and environmental dimensions of sustainability. A program that focuses exclusively on environmental or social issues, however, would not be sufficient to earn this credit.

Concentrations within a degree program (e.g. a concentration on sustainable business within an MBA program) do not count for this credit.

"---" indicates that no data was submitted for this field

Does the institution offer a graduate degree program that meets the criteria for this credit? :

Yes

The name of the sustainability-focused, graduate-level degree program (1st program) :

Agricultural and Resource Economics

The website URL for the program (1st program) :

<http://agecon.ucdavis.edu/>

The name of the sustainability-focused, graduate-level degree program (2nd program) :

Ecology

The website URL for the program (2nd program) :

<http://ecology.ucdavis.edu/>

The name of the sustainability-focused, graduate-level degree program (3rd program) :

International Agricultural Development

The website URL for the program (3rd program) :

<http://iad.ucdavis.edu/>

The name and website URLs of all other sustainability-focused, graduate-level degree program(s) :

Sustainability Immersive Experience

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution offers at least one immersive, sustainability-focused educational study program. The program(s) may take place off-campus, overseas, or on-campus.

For this credit, the program meets one or both of the following criteria:

- it concentrates on sustainability, including its social, economic, and environmental dimensions or
- it examines an issue or topic using sustainability as a lens.

Immersive programs offered in partnership with outside entities may count for this credit. Programs offered exclusively by outside entities do not count for this credit.

Submission Note:

Information for Geology 136 - Ecogeomorphology can be found at:

<https://www.geology.ucdavis.edu/~shlemonc/>

"---" indicates that no data was submitted for this field

Does the institution offer a program that meets the criteria for this credit? :

Yes

A brief description of the sustainability-focused immersive experience(s) offered by the institution :

UC Davis offers several immersive, sustainability-focused educational study programs. A few of the highlighted programs are as follows:

UC Davis Summer Abroad: Sustainable Cities of Northern Europe

This course examines principles of sustainability as they apply to urban areas. The concept of the class is to explore innovative urban planning, urban design, landscape architecture and infrastructure that address sustainability objectives such as reduction of energy, solid waste or water use, reduce carbon consumption and increase livability in urban areas. Innovations explored include: compact, mixed use, transit-(and pedestrian) oriented planning; high quality urban design for walkable cities, car-free developments, urban waterfront and brownfield development, bicycle friendly urbanism, alternative housing models like co-housing and deliberate communities, renewable energy sources (solar, wind, bio-fuels) and energy efficiency, recycling, reuse and reduction in solid waste, innovations in heating and

cooling at the district scale, storm water management, natural areas restoration and preservation as part of the urban fabric, and similar topics that require a policy, planning and urban design response.

Geology 136: Ecogeomorphology

Each year, the Ecogeomorphology course examines an issue that impacts the management of river and stream ecosystems. During class, the students discuss this issue in detail, review published literature, and prepare individual reports for publication on the web. Following the period of classroom study, the students conduct a two-week field study of a selected watershed. These field studies involve collection of original information on aquatic and riparian ecology, hydrology and fluvial geomorphology. Students work in teams, sharing their unique expertise with other team member. Through collaboration the student becomes teacher, much as they will in their professional lives. With field studies in Alaska, northern California, British Columbia and the Grand Canyon, students also participate in a capstone course that they will never forget.

The website URL where information about the immersive experience is available :

<http://summer-abroad.ucdavis.edu/programs/current-programs/program.aspx?program=2095>

Sustainability Literacy Assessment

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Part 1

Institution conducts an assessment of the sustainability literacy of its students. The sustainability literacy assessment focuses on knowledge of sustainability topics, not values or beliefs.

Part 2

Institution conducts a follow-up assessment of the same cohort group using the same instrument.

"---" indicates that no data was submitted for this field

Has the institution conducted a sustainability literacy assessment? :

Yes

Did the assessment include a baseline evaluation of students and then a follow-up evaluation of the same cohort? :

Yes

A copy of the questions included in the sustainability literacy assessment :

A copy of the questions included in the sustainability literacy assessment :

Which phrase best describes the term “sustainability” to you?

When purchasing a product, how often do you consider the following...?

(If you answered "Never" to any of the above question please explain why.)

Shopping Practices - How often do you...

(If you answered "Never" to any of the above question please explain why.)

Electricity and Water - How often do you...

(If you answered "Never" to any of the above question please explain why.)

Have you heard of the following department or organizations?

Rate how familiar you are with the following: (energy conservation, water conservation, recycling, zero-waste events, composting,

housing and/or other food cooperatives, Positive Impact, ESLP, Student Housing's sustainability practices, Dining Commons

sustainability practices, Zipcar, Zimride, UC Davis sustainability practices, UC Davis Domes and Co-ops, EASE ATP, sustainability interns)

Do you have any questions about sustainability?

Do you have any suggestions for additional sustainable practices for the residence halls?

A brief description of how the assessment was developed :

Student Housing wanted to assess the sustainability literacy of students living in the residence halls from September 2009 to June 2010. The Positive Impact team (two full-time staff and three student sustainability interns) worked collaboratively to develop a survey to understand the awareness, knowledge, practices, and barriers to behavior change, as they related to sustainability. The survey questions also sought input from the residents as to what programs Student Housing should consider implementing.

A brief description of how the assessment was administered :

The survey was created using SurveyMonkey, a web-based survey solution, and sent to all students living in the residence halls before they arrived on campus. The responses were used in the training of that year's sustainability interns and to inform Student Housing staff as they developed programs for the year. The survey was administered again using the same tool and sent to the same population in early 2010, as part of another community assessment.

A brief summary of results from the assessment :

When comparing the results of the follow-up survey to the results of the initial survey:

The percentage of respondents that "don't know" what sustainability means dropped 7.9%.

The percentage of respondents who had knowledge of the Campus Center for the Environment, a student organization dedicated to sustainability, had increased 7.9%

The percentage of respondents who had knowledge of R4 Recycling, the campus organization for recycling and other landfill diversion resources, had increased 21.1%.

The population reported an increased knowledge of the following topics: composting, zero-waste events, housing and/or food cooperatives, Positive Impact, ESLP, campus sustainability practices (including Student Housing and Dining Services), Zipcar, Zimride, EASE ATP, and sustainability interns.

Additionally, the percentage of respondents with suggestions for improving sustainability in Student Housing increased 9.5%.

The website URL where information about the literacy assessment is available :

Incentives for Developing Sustainability Courses

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution has an ongoing program or programs that offer incentives for faculty in multiple disciplines or departments to develop new sustainability courses and/or incorporate sustainability into existing courses or departments. The program aims to increase student learning of sustainability.

Incentives may include release time, funding for professional development, and trainings offered by the institution.

Incentives for expanding sustainability offerings in academic, non-credit, and/or continuing education courses count for this credit.

"---" indicates that no data was submitted for this field

Does the institution have a program that meets the criteria outlined above? :

No

A brief description of the program(s) :

We are pursuing this credit for STARS, but do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool Schools survey.

A brief description of the incentives that faculty members who participate in the program(s) receive :

see above

The website URL where information about the program is available :

Research

This subcategory seeks to recognize institutions that are conducting research related to or focused on sustainability. Conducting research is a major function of many colleges and universities. By researching sustainability issues and refining theories and concepts, higher education institutions can continue to help the world understand sustainability challenges and develop new technologies, strategies, and approaches to address those challenges.

Credit
Sustainability Research Identification
Faculty Engaged in Sustainability Research
Departments Engaged in Sustainability Research
Sustainability Research Incentives
Interdisciplinary Research in Tenure and Promotion

Sustainability Research Identification

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Part 1

Institution has developed a definition of sustainability research. The definition was developed by a committee comprised of at least three faculty members from different departments who conduct research. The committee may include students, staff, and other stakeholders as well. The definition does not have to be formally adopted.

Part 2

Institution has identified its sustainability research activities and initiatives. This research inventory should include all research centers, laboratories, departments, and faculty members whose research focuses on or is related to sustainability.

Part 3

Institution makes its sustainability research inventory publicly available online.

"---" indicates that no data was submitted for this field

Has the institution developed a definition of sustainability research? :

Yes

A copy of the institution's definition of sustainability research :

Sustainability research supports ecological, human, social and economic vitality for both our campus and the global community. Sustainable actions meet present needs while enhancing the environment and the ability of future generations to thrive.

<http://sustainability.ucdavis.edu>

Has the institution identified its sustainability research activities and initiatives? :

Yes

A brief description of the methodology the institution followed to complete the inventory :

The UC Davis Office of Research conducted a comprehensive search of all research conducted on campus using sustainability keywords. After the project list was generated, it was reviewed for applicability and accuracy.

Does the institution make its sustainability research inventory publicly available online? :

Yes

The website URL where the sustainability research inventory is posted (required if claiming Part 3 of the credit) :

http://sustainability.ucdavis.edu/research/research_groups/index.html

Faculty Engaged in Sustainability Research

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution's faculty members conduct research on sustainability topics.

Any level of sustainability research by a faculty member is sufficient to be included for this credit. In other words, a faculty member who conducts both sustainability research and other research may be included.

"---" indicates that no data was submitted for this field

The number of faculty members engaged in sustainability research :

264

The total number of faculty members engaged in research :

1988

Names and department affiliations of faculty engaged in sustainability research :

The website URL where the sustainability research inventory that includes the names and department affiliations of faculty engaged in sustainability research is posted :

<http://johnmuir.ucdavis.edu/people>

A copy of the sustainability research inventory that includes the names and department affiliations of faculty engaged in sustainability research :

Brief descriptions of up to 4 recent notable accomplishments by faculty engaged in sustainability research, including names and department affiliations :

UC Davis has many faculty working on environmental/sustainability issues. Here are 4:

- Dan Sperling, civil engineering professor, co-author of California's innovative Low Carbon Fuel Standard, member of the globally influential California Air Resources Board, and member of the Intergovernmental Panel on Climate Change
- Ruihong Zhang, a bioenvironmental engineer perfecting ways to turn organic waste into energy
- Nicole Biggart, a management professor researching innovation and organizational sociology, and holder of the Chevron Chair in

Energy Efficiency, Director of the UC Davis Energy Efficiency Center and former dean of the Graduate School of Management
- Ellis Jones, a sociologist who authored The Better World Shopping Guide, to help consumers match their spending to their values

The website URL where information about sustainability research is available :

<http://sustainability.ucdavis.edu/research/index.html>

Departments Engaged in Sustainability Research

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution's academic departments include faculty members who conduct sustainability research.

Any level of sustainability research by a faculty member in a department is sufficient for this credit.

"---" indicates that no data was submitted for this field

The total number of academic departments that conduct research :

146

The number of academic departments in which at least one faculty member engages in sustainability research :

64

A list of academic departments in which at least one faculty member engages in sustainability research :

Ag & Resource Economics
Agr & Env Sci Deans Office
Animal Science
Anr Sustainable Ag Prog
Anthropology
Biological & Ag Engineering
Bodega Marine Laboratory
Chancellor Residence
Chemical Engr & Material Sci
Chemistry
Chicano Studies
Civil & Environmental Engr
Crocker Nuclear Lab
Design Program
Economics
Education
Elect & Comp Engr
Energy Institute
Engr Computer Science
Entomology

Environmental Science & Policy
Environmental Toxicology
Evolution & Ecology
Food Science & Technology
Geology
Human & Community Development
Inst of Transportation Studies
International Ag Programs
John Muir Institute-Environ
Land Air & Water Resources
Lawr - Hydrology Program
Library
Lighting Technology Center
Mechanical & Aerospace Engr
Med Int Med - Allergy
Med Int Med - Pulmonary
Med: Public Health Sciences
Plant Biology
Plant Pathology
Plant Sciences
University Arboretum
Vice Chancellor - Research
Viticulture & Enology
Vm: Anat Physio & Cell Biology
Vm: Deans Office
Vm: Extension/Public Programs
Vm: Pathology, Micro, & Immun
Vm: Wildlife Health Center
Wildlife & Fisheries Biology
Nematology
Physics
Primate Center
Psychology
Sociology
Textiles & Clothing
UC Davis Genome Center
UC Davis Mondavi Center
Vm: Medicine & Epidemiology
Vm: Molecular Bio Sciences
Vm: Population Hlth & Reprod
Vm: Surg/Rad Science
Vm: Vector-Born Disease Res
West Inst Food Safety Security
Western Cooling Efficiency Ctr

The website URL where the sustainability research inventory that includes the departments engaged in sustainability

research is posted :

http://sustainability.ucdavis.edu/research/research_groups/index.html

A copy of the sustainability research inventory that includes the departments engaged in sustainability research :

Sustainability Research Incentives

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Part 1

Institution has an ongoing program to encourage students in multiple disciplines or academic programs to conduct research in sustainability. The program provides students with incentives to research sustainability. Such incentives may include, but are not limited to, fellowships, financial support, and mentorships.

Part 2

Institution has an ongoing program to encourage faculty from multiple disciplines or academic programs to conduct research in sustainability topics. The program provides faculty with incentives to research sustainability. Such incentives may include, but are not limited to, fellowships, financial support, and faculty development workshops.

"---" indicates that no data was submitted for this field

Does the institution have a program to encourage student sustainability research that meets the criteria for this credit? :

Yes

A brief description of the institution's program(s) to encourage student research in sustainability :

Another program, the Environmental Leaders Program was launched in Spring 2006 as an interdisciplinary program for solution-oriented research and engagement addressing environmental issues in California and emphasizing graduate student leadership, civic engagement, and partnerships with communities to solve local environmental problems.

The website URL where information about the student research program is available :

http://psrp.ucdavis.edu/about/program_history.html

Does the institution have a program to encourage faculty sustainability research that meets the criteria for this credit? :

Yes

A brief description of the institution's program(s) to encourage faculty research in sustainability :

The Green Technology Entrepreneurship Academy is the premiere academic program for commercializing green tech innovations and is a springboard for moving green tech research out of the lab and into the world.

The academy is taught by venture capitalists, entrepreneurs, university faculty, industry executives and angel investors who serve as mentors and guest speakers, providing participants with the knowledge and networks needed to take the next steps toward moving research out of the lab and into the world.

The website URL where information about the faculty research program is available :

<http://entrepreneurship.ucdavis.edu/events.php>

Interdisciplinary Research in Tenure and Promotion

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution gives positive recognition to interdisciplinary, transdisciplinary, and multidisciplinary research during faculty promotion and tenure decisions.

"---" indicates that no data was submitted for this field

Does the institution's treatment of interdisciplinary research meet the criteria for this credit? :

No

A brief description or a copy of the institution's policy regarding interdisciplinary research :

We are pursuing this credit for STARS, but do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool Schools survey.

The website URL where information about the treatment of interdisciplinary research is available :

Operations

Buildings

This subcategory seeks to recognize institutions that are taking steps to improve the sustainability performance of their buildings. Buildings are generally the largest user of energy and the largest source of greenhouse gas emissions on campuses. Buildings also use significant amounts of potable water. Institutions can design, build, and maintain buildings in ways that provide a safe and healthy indoor environment for inhabitants while simultaneously mitigating the building’s impact on the outdoor environment.

Credit
Building Operations and Maintenance
Building Design and Construction
Indoor Air Quality

Building Operations and Maintenance

Responsible Party

Sid England

Assistant Vice Chancellor

Office of Environmental Stewardship and Sustainability (ESS)

Criteria

Institution owns and operates buildings that are:

1) Certified under the LEED® for Existing Buildings: Operations & Maintenance (O&M) Green Building Rating System,

and/or

2) Operated and maintained in accordance with sustainable operations and maintenance guidelines and policies that cover the following:

- Impacts on the surrounding site
 - Energy consumption
 - Usage of environmentally preferable materials
 - Indoor environmental quality
 - Water consumption
-

"---" indicates that no data was submitted for this field

Total building space that meets "Eligible Buildings Criteria" :

8864430 *Square Feet*

Building space that is maintained in accordance with sustainable building operations and maintenance guidelines or policies but is NOT certified under LEED for Existing Buildings: O&M :

7091544 *Square Feet*

Building space that is LEED for Existing Buildings: O&M Certified :

0 *Square Feet*

Building space that is LEED for Existing Buildings: O&M Silver certified :

0 *Square Feet*

Building space that is LEED for Existing Buildings: O&M Gold certified :

0 *Square Feet*

Building space that is LEED for Existing Buildings: O&M Platinum certified :

STARS Reporting Tool | AASHE | Sierra Magazine

The website URL where a copy of the institution's guidelines or policies for sustainable building operations and maintenance is available :

<http://campus-care.ucdavis.edu/building-maintenance/>

An electronic copy of the guidelines or policies :

The date(s) the policies or guidelines were adopted :

The various guidelines and policies related to sustainable maintenance and operation of UC Davis facilities have been adopted over a period of time.

A brief description of how the institution ensures compliance with sustainable building operation and maintenance guidelines and policies :

Here are some of the ways that UC Davis ensures compliance with sustainable building operations and maintenance guidelines and policies, as they relate to the areas in the criteria of this credit:

Building maintenance staff service a wide variety of equipment ranging from package AC units, chillers, gas heaters, walk in boxes, ultra-low freezers, supply, return, exhaust fans, cooling towers. They perform weekly, monthly and yearly preventative maintenance checks on equipment. They also repair and install new HVAC/R equipment for better temperature control and energy efficiency.

Facilities Management lighting technicians maintain the tens of thousands of lighting fixtures throughout campus classrooms, laboratories, and greenhouses. They provide proper disposal of hazardous waste generated by lamp and ballast replacement. They keep abreast of the rapidly changing technologies in lighting systems and equipment and play an integral role in the Smart Lighting Initiative, the goal of which is to reduce energy used for campus lighting by 60% by the year 2020. Facilities Management works in close collaboration with Utilities, Environmental Stewardship & Sustainability, and the California Lighting Technology Center to improve illumination while saving energy.

In 2006-08, UC Davis completed 35 infrastructure projects for an annual savings of 8.5 million kilowatt-hours per year and 2.8 million therms of natural gas. Cost savings for these projects are estimated at \$3 million per year. The renovations have included air conditioning, monitoring systems, steam traps, central chilling plant conversion and lighting upgrades.

Facilities Management utilizes a holiday setback schedule in December to reduce energy waste during low-occupancy in many buildings. Additionally, many Air Handler Units (AHUs), Exhaust Fans (Efs) and associated zones (room temperature controls) are already being turned off or setback on a daily basis.

Custodial Services provides cleaning services for classrooms, conference rooms, halls and lobbies, laboratories, offices, restrooms, and stairways, as well as collect and manage the recycling throughout campus. UC Davis is planning for the entire campus to meet the goal of zero waste by 2020 and Custodial Services provides support services for zero waste events, including set up and clean up of special bins for recycling and composting. They even provide bins for office composting.

UC Davis administrative personnel are making an effort to reduce waste with a strategy called environmentally preferred purchasing. Departments are encouraged to consider existing resources, buy surplus or buy recycled products before considering other purchases. The campus purchasing system is online and prioritizes recycled products. Employees are instructed to consider an item's cost over its whole life cycle, including energy use, water efficiency, how quickly the product will need to be replaced and whether it can be recycled. Energy Star products certified by the U.S. Environmental Protection Agency are prioritized, and campus has been successful with

campaigns to buy back inefficient refrigerators and freezers as well as exchange older Hewlett Packard printers. According to UC Davis Policy, paper purchases and publications should have a minimum of 30 percent post-consumer waste recycled content; e-mail, electronic forms and paperless transactions are encouraged

The Davis campus is known for its bicycle culture, and with the surrounding city was the first community recognized as a platinum-level "Bicycle Friendly Community" by the League of American Bicyclists. The campus and community provide an extensive network of bike lanes, off-street bike paths and bicycle underpasses for riders. In 1968, students founded the Unitrans bus system with its iconic double-decker buses. Today 95 percent of Unitrans travel is powered by clean-burning compressed natural gas (CNG), in partnership with the City of Davis. On an average weekday, about 40 percent of campus visitors ride bikes to campus, 28 percent carpool or take mass transit, and almost 6 percent walk or skate.

UC Davis is committed to fostering sustainable places that wisely steward the campus's natural resources, while creating a healthy, enriching physical environment for learning and discovery. That commitment includes the outdoor campus landscape, gateways to the Davis community and a network of natural reserves elsewhere in California that UC Davis manages. UC Davis has automated and centralized its landscape irrigation control to meet the demands of campus weather. Computerized central controls have transformed campus water conservation, saving an estimated 49 million gallons of water per year, almost one-third of total utility water used on campus.

The names and certification levels of all buildings that are certified under LEED for Existing Buildings: O&M :

The names of all buildings operated and maintained in accordance with similar sustainable operations and maintenance guidelines and policies :

The following buildings are registered for certification using the LEED for Existing Buildings: Operations & Maintenance green building rating system:

Emerson Hall

Giedt Hall

Hutchison Hall

Mathematical Sciences Building

Mrak Hall

Vet Med 3A

Vet Med 3A-MPT

Webster Hall

Buildings larger than 5,000 gross square feet are consistently operated and maintained in accordance with similar sustainable operations and maintenance guidelines and policies. There is a team at UC Davis working to obtain LEED EB certification for several buildings, as well as implementing campus-wide policies and programs that comply with LEED standards for building operations and maintenance.

Building Design and Construction

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution-owned buildings that were constructed or underwent major renovations in the past three years are:

1) Certified under the LEED® for New Construction and Major Renovations, LEED for Commercial Interiors, and/or LEED for Core and Shell Green Building Rating Systems,

and/or

2) Designed and built in accordance with green building guidelines and policies that cover the following topics:

- Impacts on the surrounding site
 - Energy consumption
 - Usage of environmentally preferable materials
 - Indoor environmental quality
 - Water consumption
-

"---" indicates that no data was submitted for this field

New building space that meets "Eligible Buildings Criteria" :

400610 *Square Feet*

New building space that was designed and constructed in accordance with green building policies or guidelines but not LEED certified :

99465 *Square Feet*

New building space that is LEED Certified :

0 *Square Feet*

New building space that is LEED Silver certified :

0 *Square Feet*

New building space that is LEED Gold certified :

176934 *Square Feet*

New building space that is LEED Platinum certified :

124211 *Square Feet*

The website URL where a copy of the institution's guidelines or policies for green building is available :

<http://sustainability.ucdavis.edu/progress/commitment/index.html>

An electronic copy of the guidelines or policies :

The date(s) the policies or guidelines were adopted :

A brief description of how the institution ensures compliance with green building design and construction guidelines and policies :

The two buildings (99,465 gsf) that were designed and constructed in accordance with policies and guidelines were LEED equivalent but were simply not taken through the LEED certification process. The projects were still required to meet rigorous campus standards for new construction, such as exceeding energy efficiency standards of California Energy Code (Title 24) by at least 20 percent, striving for 30 percent or more.

The names of all buildings that are certified under the LEED for New Construction and Major Renovations, LEED for Commercial Interiors, and/or LEED for Core and Shell Green Building Rating Systems :

LEED Platinum

Gallagher Hall/Conference Center

RMI Brewery, Winery, and Food Pilot Facility

LEED Gold

Tercero Student Housing Phase 2 (Wall, Campbell, and Potter Halls)

Cuarto Dining Commons Renovation

The names of all buildings designed and constructed in accordance with green building guidelines and policies but not LEED certified :

The following projects have been constructed or renovated recently and are still pursuing LEED certification. These projects are not included in the eligible building space for this credit.

CNPRC Virology & Immunology Laboratory

Health & Wellness Center

King Hall Expansion

Segundo Services Center

Student Community Center

Student Health & Wellness Center

Indoor Air Quality

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution has adopted an indoor air quality management policy, plan, and/or practices that include regular auditing or monitoring and a mechanism for occupants to register complaints. Policies and plans adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

"---" indicates that no data was submitted for this field

Occupied building space covered by an indoor air quality plan, policy, and/or practices that include regular auditing or monitoring and a mechanism for occupants to register complaints :

0 Square Feet

Total occupied building space :

0 Square Feet

A brief description of the institution's indoor air quality plan, policy, and/or practices :

We are pursuing this credit for STARS, but do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool Schools survey.

The website URL where information about the institution's indoor air quality initiatives is available :

Climate

This subcategory seeks to recognize institutions that are measuring and reducing their greenhouse gas emissions. Global warming is expected to have myriad negative impacts throughout the world, including increased frequency and potency of extreme weather events, sea level rise, species extinction, water shortages, declining agricultural production, and spread of diseases. The impacts are expected to be particularly pronounced for poor communities and countries.

Credit
Greenhouse Gas Emissions Inventory
Greenhouse Gas Emissions Reduction
Air Travel Emissions
Local Offsets Program

Greenhouse Gas Emissions Inventory

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Part 1

Institution has conducted a GHG emissions inventory covering its Scope 1 and Scope 2 emissions. The GHG emissions inventory is publicly available, either through the American College & University Presidents' Climate Commitment reporting site, the institution's website, or another public website.

Part 2

Institution has conducted a GHG emissions inventory covering Scope 3 emissions. The GHG emissions inventory is publicly available, either through the American College & University Presidents' Climate Commitment reporting site, the institution's website, or another public website.

Submission Note:

UC Davis has conducted verified GHG emissions annually from 2005-2010, and is underway with the 2011 inventory, which will be verified and submitted to The Climate Registry, where UC Davis is a member. UC Davis has inventoried all six categories of GHG since 2006. The GHG inventory includes Scope 1, 2, and 3 emissions (2007-2010) with Scope 3 including air travel, commuting, study abroad travel, travel related to athletics, and business related air travel and commuting. Through 2011, UC Davis has accounted for solid waste disposal in Scope 1 emissions because the campus operated a landfill and captures the methane gas for use in boilers.

"---" indicates that no data was submitted for this field

The website URL where the GHG emissions inventory is posted :

<https://www.crisreport.org/web/guest/analysis-and-reports>

Does the inventory include all Scope 1 and 2 emissions? :

Yes

Does the inventory include emissions from air travel? :

Yes

Does the inventory include emissions from commuting? :

Yes

Does the inventory include embodied emissions from food purchases? :

No

Does the inventory include embodied emissions from other purchased products? :

No

Does the inventory include emissions from solid waste disposal? :

Yes

Does the inventory include another Scope 3 emissions source not covered above? :

Yes

If yes, please specify :

study abroad travel

Does the inventory include a second Scope 3 emissions source not covered above? :

Yes

If yes, please specify :

travel related to athletics

Does the inventory include a third Scope 3 emissions source not covered above? :

Yes

If yes, please specify :

business related air travel and commuting

Does the inventory include a fourth Scope 3 emissions source not covered above? :

No

If yes, please specify :

Greenhouse Gas Emissions Reduction

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution reduced its net Scope 1 and Scope 2 GHG emissions per weighted campus user compared to a 2005 baseline.

For this credit, off-site, institution-catalyzed carbon offsets (i.e. those popularly known as “local offsets”) count in full. Purchased carbon offsets that have been verified by a third party may count towards a portion of the reduction. Purchased offsets that have not been third-party verified do not count.

To conduct a GHG emissions inventory, campuses may use any methodology and/or calculator that is consistent with the Greenhouse Gas Protocol's Corporate Accounting and Reporting Standards.

The baseline GHG emissions inventory should include the same emissions sources as the performance year emissions inventory.

"---" indicates that no data was submitted for this field

Scope 1 and 2 gross GHG emissions, 2005 :

179238 Metric Tons of CO2 Equivalent

Off-site, institution-catalyzed carbon offsets generated, 2005 :

0 Metric Tons of CO2 Equivalent

Third-party verified carbon offsets purchased, 2005 :

0 Metric Tons of CO2 Equivalent

On-campus residents, 2005 :

4916

Non-residential/commuter full-time students, faculty, and staff members, 2005 :

35723

Non-residential/commuter part-time students, faculty, and staff members, 2005 :

14663

Scope 1 and 2 gross GHG emissions, performance year :

153881.30 *Metric Tons of CO2 Equivalent*

Off-site, institution-catalyzed offsets generated, performance year :

0 *Metric Tons of CO2 Equivalent*

Carbon offsets purchased, performance year :

0 *Metric Tons of CO2 Equivalent*

List the start and end dates of the GHG emissions performance year :

0

On-campus residents, performance year :

5230

Non-residential/commuter full-time students, faculty, and staff members, performance year :

41619

Non-residential/commuter part-time students, faculty, and staff members, performance year :

14558

Time period for weighted campus user (list the consecutive 12 month period that most closely overlaps with GHG performance year) :

01/01/2010 – 12/31/2010

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have policies and/or programs in place to reduce emissions from air travel? :

Yes

A brief description of the policies and/or programs :

The largest and most important pool of capital held by a higher education institution is its intellectual (human) capital, and emissions reductions tied to restricting travel diminishes this primary source of capital and strikes at the heart of the institutional mission. While unnecessary travel should be eliminated, not the least for economic savings, travel is and will continue to be an important part of the mission of disseminating scholarship in a global setting. For this reason, the 2009-2010 Climate Action Plan sets forth three ideas (teleconferencing, telecommuting, and telemedicine) for consideration and further analysis in 2010-11, but does not promote arbitrary reduction goals.

1. Reduction in miles traveled through teleconferencing:

Technology continues to improve teleconferencing and Web conferencing, and the Climate Action Plan recommends that additional resources be made available to improve and grow facilities and equipment for high-quality remote conferencing. In circumstances such as routine meetings, especially for short-haul travel, which has higher emissions than long, international travel (due to the impact of take-offs and landings on overall flight emissions), the Climate Action Plan recommends that teleconferencing be adopted as the default meeting mechanism, and in-person flight travel be reserved for special cases.

2. Reduction in miles traveled through telecommuting:

Similarly, the Climate Action Plan recommends that UC Davis explore an aggressive telecommuting policy, with a goal of reducing on-campus population on any given workday in a manner that will bolster space planning/management efforts so that old, inefficient building space can be removed without impacting space requirements, and in a way that will enable employees to avoid commuting trips, so that two reductions of emissions occur: those related to building energy use, and those related to commuting trips. UC Davis has one of the foremost experts on telecommuting, Dr. Patricia Mokhtarian, on faculty, and the Climate Action Plan recommends that a study committee be formed, and invite her to provide expertise to that committee.

3. Reduction in miles traveled through telemedicine:

Telemedicine or telehealth is the use of high-speed telecommunications for medical consultations, distance education, critical care and emergency services, as well as health-care training. Telehealth technologies have the promise of transforming and improving health care, especially in communities and regions that are far from large, urbanized areas with a full range of health-care services and medical specialists. The innovative use of telecommunications tools in the delivery of clinical services can increase access to health care and help advance health, especially for areas of California where physician shortages are a persistent problem. Telehealth offers the potential of improving quality of care by enabling clinicians at one location to monitor, consult and even care for patients in distant locations (information taken from UC Davis to establish California Telehealth Resource Center in Sacramento, posted January 10, 2010 at

http://www.ucdmc.ucdavis.edu/welcome/features/20100120_Telehealth_groundbreaking/index.html

). The UC Davis Medical Center and the School of Medicine have been at the forefront of telemedicine, which promotes both strides in human health and reduces emissions related to avoiding travel by patients and medical professionals to and from remote areas. The Climate Action Plan recommends that telemedicine continue to be supported and grown as a center of excellence at UC Davis.

The website URL where information about the policies and/or programs is available :

http://sustainability.ucdavis.edu/local_resources/docs/climate_action_plan_pdf

Local Offsets Program

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Submission Note:

While UC Davis collaborates in many ways with the local community to measure and reduce greenhouse gas emissions, the campus does not count any ensuing reductions as offsets, since they accrue to the local community.

"---" indicates that no data was submitted for this field

Does the institution have a local offsets program through which the institution seeks to offset its greenhouse gas emissions by implementing projects that reduce GHG emissions in the local community? :

No

A brief description of the program :

UC Davis collaborates in many ways with the local community to measure and reduce greenhouse gas emissions. One example, described by a student guest writer for the campus sustainability blog, is the Energy Service Corps, in which UC Davis students and local community members teamed up to provide education about the benefits of energy efficiency and help people make changes in their residences (such as sealing cracks, installing weatherstripping, and changing out lightbulbs) to save energy and thus reduce greenhouse gases.

The website URL where information about the program is available :

<http://blogs.ucdavis.edu/sustainability/2011/10/04/uc-davis-student-group-promotes-energy-efficiency-on-and-off-campus/>

Dining Services

This subcategory seeks to recognize institutions that are supporting a sustainable food system. Modern industrial food production often has deleterious environmental impacts. Pesticides and fertilizers used in agriculture can contaminate ground and surface water, which has potentially dangerous impacts on wildlife and human health. Furthermore, the often long-distance transportation of food to institutions produces greenhouse gas emissions and other pollution. Additionally, farm workers are often paid substandard wages, subjected to harsh working conditions, and exposed to dangerous pesticides. Institutions can use their food purchases to support their local economies; encourage safe, environmentally-friendly farming methods; and help alleviate poverty for farmers.

Please note that while dining services can also play an important role in conserving energy and water, reducing waste, and purchasing environmentally preferable materials other than food, STARS measures these impacts across the institution instead of by department; therefore, the benefits of these actions are captured in the Energy, Water, Waste, and Purchasing subcategories, respectively.

Credit
Food and Beverage Purchasing
Trayless Dining
Vegan Dining
Trans-Fats
Guidelines for Franchisees
Pre-Consumer Food Waste Composting
PostConsumer Food Waste Composting
Food Donation
Recycled Content Napkins
Reusable Container Discounts
Reusable To-Go Containers

Food and Beverage Purchasing

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

This credit includes food and beverage purchases for on-campus dining services operated by the institution or the institution's primary on-site contractor. Institution purchases food and beverages that meet at least one of the following criteria:

- Grown and processed within 250 miles of the institution
- Third-party certified (USDA Certified Organic, Marine Stewardship Council Blue Ecolabel, Food Alliance, Fair Trade, Certified Humane Raised and Handled)

Food and beverage purchases that meet multiple criteria listed above should not be double-counted.

This credit includes food and beverage purchases for on-campus dining operations and catering services operated by the institution or the institution's primary dining services contractor (e.g. Aramark, Bon Appétit Management Company, Chartwells, Sodexo). On-site franchises, convenience stores, vending machines, or concessions are excluded from this credit unless they are operated by the institution or the institution's primary on-site contractor..

Submission Note:

"---" indicates that no data was submitted for this field

Percentage of food expenditures that meet one or more of the criteria for this credit (0 - 100) :

21.35

A brief description of the sustainable food and beverage purchasing program :

Resident Dining – 21.35% of all food purchases are from sustainable sources

- 24% of meat and seafood purchases are sustainable
- 90% of all eggs are cage-free, humane
- 48% of dairy purchases are local, humane dairy
- 100% coffee is certified Fair Trade
- 45% of produce is local (within 250 miles)

Retail Dining – 7.65% of all food purchases are from sustainable sources

- 21% of all seafood purchases are sustainable
- 63% of dairy purchases are local, humane dairy
- 6% of all beverages purchased are sustainable
- 17% of produce is local (within 250 miles)

Aggregated total for all Sodexo operations at UC Davis (resident and retail dining) is 17.56%.

UC Davis Dining Services, provided by Sodexo, operates three dining commons across campus: Segundo, Tercero and Cuarto Dining Commons. The Resident Dining program provides approximately 50 thousand meals each week and 375,000 retail transactions at resident convenience stores. The resident dining program also includes the central UC Davis Commissary and UC Davis Harvest Bakery.

Sodexo also operates retail dining at the Silo, Gunrock Pub, Scrubs, BioBrew, and manages contracts with small businesses and national franchises Taco Bell, Carl's Jr., Pizza Hut and Starbucks. There are additional concessions with coffee booths and in the stadium. Over 26 thousands transactions are made each week at retail operations on campus. University Catering is also managed by Sodexo and provides food to over 5,000 events every year on large and small scale. Retail dining utilizes the UC Davis Harvest Bakery and UC Davis Commissary for packaged retail food offerings.

Information can also be viewed at:

-

<http://dining.ucdavis.edu/sus-locally.html>

-

<http://dining.ucdavis.edu/sus-agriculture.html>

The Website URL where information about the institution's sustainable food and beverage purchasing efforts is available :

http://dining.ucdavis.edu/documents/UCDavisSustainableFoodserviceProgressReport-2011_000.pdf

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a trayless dining program in which trays are removed from or not available in dining halls?

:

Yes

A brief description of the trayless dining program :

All Resident Dining commons have been tray free since summer of 2008. The program was piloted during the spring of 2008 on "Trayless Tuesdays."

List the year the program was started :

April 1, 2008

The overall percentage of meals served on campus that are trayless :

100

The percentage of meal plan meals served on campus that are trayless :

100

The percentage of retail facility meals served on campus that are trayless :

100

The percentage of conference meals served on campus that are trayless :

100

The website URL where information about the program is available :

<http://dining.ucdavis.edu/sus-recycling.html>

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution offer diverse, complete-protein vegan dining options during every meal? :

Yes

A brief description of the vegan dining program :

UC Davis Dining Services has been offering vegetarian and vegan alternatives in Resident Dining since 1989 when there was a special dining facility devoted to vegetarian and “natural” food. Since then, many demolitions and renovations later, the menu has evolved and includes vegetarian and vegan options at all dining rooms, all meals and in the retail dining venue, the Silo, as well.

Two new ‘format dining’ facilities were opened in 2006, each including a completely vegan format called the Blue Onion. Examples of entrees served at this format currently for lunch include: Roasted Vegetable Panini, Green Curry Soup w/ Noodles, Seitan au Vin and Jungle Curry. For dinner, students enjoy such dishes as Fafel Lentil Cakes with Romesco, Mushroom strudel, Gorditas with Bean toss and Chipotle Cumin Cream or Seitan Fajitas.

The menu signage used in Resident Dining is color coded and indicates whether any given food is vegan, vegetarian, or neither using colored font.

In June 2007, the house-made vegan desserts program was launched. Examples include: peanut butter cookies, ginger snaps, chocolate raspberry bar and banana oat cookies at lunch, with orange creamsicle cake, chocolate espresso cake and oatmeal fruit nut bars at dinner. When ‘frost your own cupcake’ bar is featured, vegan cupcakes and icing are part of the set-up. When there is a ‘make your own sundae’ event, Larry and Luna’s Coconut Bliss is available. Education on why a vegan lifestyle can be beneficial to human health and the health of the planet is presented regularly to market these selections.

In September 2007, UC Davis Dining Services began offering a completely vegan grill twice a month in Resident Dining. September 2007 also marked the beginning of promotion of the Meatless Monday campaign (in conjunction with the Johns Hopkins School of Public Health) in Resident Dining.

Dining Services began producing seitan from hi-gluten flour in September 2007 for use as vegan protein in recipes. The flour used is Food Alliance certified Shephard’s Grain flour. This seitan is made in the culinary support center for use in all dining units as a vegan protein – the product can be ground, cut in strips, or used in steaks for a wide variety of meatless dishes and sandwiches.

In September 2008, a new Vegan Corner concept was established in each Resident Dining facility.

The vegan council, a student advisory group, was formed to offer suggestions and help make decisions on which foods to add to enhance the vegan corner area of the dining room. Currently offered are: sprouted wheat bread, soft tofu, vegan spread/dip (rotates daily – includes romesco, hummus, babaganoush, etc. with pita chips), tahini, seed mixture for salad/entrees, Bragg’s Liquid

Aminos, and nutritional yeast for sprinkling on anything.

In 2010, UC Davis was voted among the top 10 for PETA's "Most Vegan Friendly American Colleges."

The website URL where information about the program, policy, or practice is available :

<http://dining.ucdavis.edu/sus-health.html>

Trans-Fats

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution use frying oil that does not include trans-fats and seek to avoid foods that include trans-fats in its dining operations? :

Yes

A brief description of the trans-fats avoidance program, policy, or practice :

We serve no trans-fats other than those that are naturally occurring.

The website URL where information about the program, policy, or practice is available :

<http://dining.ucdavis.edu/sus-health.html>

Guidelines for Franchisees

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Has the institution adopted sustainability policies or guidelines for food service franchisees operating on campus? :

Yes

A brief description of the guidelines for franchisees :

The University of California Policy on Sustainable Foodservice Practices has been communicated to franchisees and subcontractors. In the event of a new contract being signed, the language is incorporated into the contract.

The website URL where information about the guidelines is available :

<http://sustainability.universityofcalifornia.edu/food.html>

Pre-Consumer Food Waste Composting

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a pre-consumer food waste composting program? :

Yes

A brief description of the pre-consumer food waste composting program :

All pre-consumer and kitchen waste is composted in the following locations:

- Segundo Dining
- Tercero Dining
- Cuarto Dining
- Harvest Bakery
- Culinary Support Center
- Scrubs Cafe
- University Catering
- Gunrock Pub

The overall percentage of meals for which pre-consumer scraps are composted :

100

The percentage of meal plan meals for which pre-consumer scraps are composted :

100

The percentage of retail facility meals for which pre-consumer scraps are composted :

100

The percentage of conference meals for which pre-consumer scraps are composted :

100

The website URL where information about the composting program is available :

<http://dining.ucdavis.edu/sus-recycling.html>

PostConsumer Food Waste Composting

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a postconsumer food waste composting program? :

Yes

A brief description of the postconsumer food waste composting program :

Dining Services Composting - Pre- and post-consumer food waste (meat, dairy, eggs, left-over food) and other organic materials (compostable items, paper products, napkins, etc.) is collected by UC Davis Dining Services in all three Resident Dining rooms, the Gunrock Pub, University Catering, Scrubs Cafe, Starbucks at the ARC and the Aggie Stadium. This organic matter is shipped to Zamora Composting Facility, 30 miles from campus, and turned into nutrient rich compost for local farms and vintners.

Residence Hall Composting - Dining Services partners with UC Davis Student Housing to promote organic waste diversion in the campus residence halls. The Aggie Ware program, a reusable dish ware and composting program for residence hall floor programming.

The percentage of overall meals for which postconsumer composting is available :

70

The percentage of meal plan meals for which postconsumer composting is available :

100

The percentage of retail facilities for which postconsumer composting is available :

25

The percentage of conference meals for which postconsumer composting is available :

100

The website URL where information about the composting program is available :

<http://dining.ucdavis.edu/sus-recycling.html>

Food Donation

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution donate leftover or surplus food? :

Yes

A brief description of the food donation program :

All food that is in excess at the end of a quarter or academic year is donated to the local Yolo County Food Bank or Davis Community Meals. Small amounts of food are donated to Davis Community Meals throughout the academic year by one dining common. All retail operations donate shelf-stable product to the UC Davis Pantry, a food pantry for UC Davis students.

The website URL where information about the food donation program is available :

Recycled Content Napkins

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution use recycled content napkins in its dining service operations? :

Yes

A brief description of the purchasing behavior :

Dining Services purchases recycled content napkins.

The website URL where information about the purchasing is available :

Reusable Container Discounts

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does campus dining operations offer discounts to customers who use reusable mugs instead of disposable cups in to-go food service operations? :

Yes

A brief description of the reusable mug program :

Customers get a \$0.15 discount campus-wide at all Dining Services operated coffee and beverage locations for providing their own cup or mug.

Amount of the discount offered for using reusable mugs :

0.15

Description of other reusable food- or beverage-related programs (e.g. incentives for use of reusable bags, dishware, to-go containers) :

The website URL where information about the reusable mug discount program is available :

Reusable To-Go Containers

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does campus dining operations provide reusable containers for to-go food that are returned for cleaning and reuse? :

No

A brief description of the reusable to-go container program :

We are pursuing this credit for STARS, but do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool Schools survey.

The website URL where information about the reusable to-go container program is available :

Energy

This subcategory seeks to recognize institutions that are reducing their energy consumption through conservation and efficiency, and switching to cleaner and renewable sources of energy such as solar, wind, geothermal, and low-impact hydropower. For most institutions, energy consumption is the largest source of greenhouse gas emissions, which cause global warming. Global warming is expected to have myriad negative impacts throughout the world, including increased frequency and potency of extreme weather events, sea level rise, species extinction, water shortages, declining agricultural production, and spread of diseases. The impacts are expected to be particularly pronounced for poor communities and countries. In addition to causing global warming, energy generation from fossil fuels, especially coal, produces air pollutants such as sulfur dioxide, nitrogen oxides, mercury, dioxins, arsenic, cadmium and lead. These pollutants contribute to acid rain as well as health problems such as heart and respiratory diseases and cancer. Coal mining and oil and gas drilling can also damage environmentally and/or culturally significant ecosystems. Nuclear power creates highly toxic and long-lasting radioactive waste. Large-scale hydropower floods habitat and disrupts fish migration.

Implementing conservation measures and switching to renewable sources of energy can help institutions save money and protect them from utility rate volatility. Renewable energy may be generated locally and allow campuses to support local economic development. Furthermore, institutions can help shape markets by creating demand for cleaner, renewable sources of energy.

Credit
Building Energy Consumption
Clean and Renewable Energy
Timers for Temperature Control
Lighting Sensors
LED Lighting
Vending Machine Sensors
Energy Management System
Energy Metering

Building Energy Consumption

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution has reduced its total building energy consumption per gross square foot of building space compared to a 2005 baseline.

To aggregate energy consumption data from multiple sources, figures should be converted into MMBtu (one million British thermal units – a standard measure of energy) using the following equivalents:

1 kWh = 0.003412 MMBtu

1 MWh = 3.412 MMBtu

1 therm = 0.1 MMBtu

1 kBtu = 0.001 MMBtu

1 ton-hour = 0.012 MMBtu

1 MJ = 0.000948 MMBtu

"---" indicates that no data was submitted for this field

Total building energy consumption, 2005 :

2205900 MMBtu

Building space, 2005 :

9326100 Gross Square Feet

Total building energy consumption, performance year :

1896500 MMBtu

Building space, performance year :

10388500 Gross Square Feet

List the start and end dates of the energy consumption performance year :

July 2010-June 2011

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution supports the development and use of clean and renewable energy sources using any one or combination of the following options.

Option 1: Generating electricity from clean and renewable energy sources on campus and retaining or retiring the rights to the environmental attributes of such electricity. (In other words, if the institution has sold Renewable Energy Credits for the clean and renewable energy it generated, it may not claim such energy here). The on-site renewable energy generating devices may be owned and/or maintained by another party as long as the institution has contractual rights to the associated environmental attributes.

Option 2: Using renewable sources for non-electric, on-site energy generation, such as biomass for heating.

Option 3: Catalyzing the development of off-site clean and renewable energy sources (e.g. an off-campus wind farm that was designed and built to supply electricity to the institution) and retaining the environmental attributes of that energy.

Option 4: Purchasing the environmental attributes of electricity in the form of Renewable Energy Certificates (RECs) or other similar renewable energy products that are either Green-e Energy certified or meet Green-e Energy's technical requirements and are verified as such by a third party, or purchasing renewable electricity through the institution's electric utility through a certified green power purchasing option.

Option 5: Using cogeneration technologies to generate electricity more efficiently. Note: generating electricity using cogeneration technology and a renewable fuel, such as biomass, is considered Option 1 and should not be counted twice.

Since this credit is intended to recognize institutions that are generating new sources of clean and renewable energy, neither the electric grid mix for the region in which the institution is located nor the grid mix reported by the electric utility that serves the institution count for this credit.

Technologies that reduce the amount of energy used but do not generate renewable energy do not count for this credit. For example, daylighting, passive solar design, and ground-source heat pumps are not counted in this credit. The benefits of such strategies are captured by *OP Credit 5: Greenhouse Gas Emissions Reductions* and *OP Credit 7: Building Energy Consumption*.

Transportation fuels, which are covered by *OP Credit 14: Campus Fleet*, are not included in this credit.

To aggregate energy consumption data from multiple sources, figures should be converted into MMBtu (one million British thermal units – a standard measure of energy) using the following equivalents:

1 kWh = 0.003412 MMBtu

1 MWh = 3.412 MMBtu

1 therm = 0.1 MMBtu

1 kBtu = 0.001 MMBtu

1 ton-hour = 0.012 MMBtu

1 MJ = 0.000948 MMBTU

Submission Note:

Securing clean and renewable energy is important to UC Davis, and the campus is working on several initiatives that are not captured in the reporting year data for this credit. From November 2011 through January 2012, the campus installed a 756kW solar photovoltaic system, which is expected to generate 1,115,300 kWh during 2012. UC Davis also is pursuing a project to build an anaerobic on-campus biodigester. This facility, using technology developed by UC Davis faculty (news.ucdavis.edu/search/news_detail.lasso?id=10202) and licensed to Clean World Partners (

cleanworldpartners.com

), will generate clean, renewable electricity from campus organic wastes. The facility will be supplied with approximately 20 tons per day of feed stocks, formerly called waste streams, from agricultural waste, animal manure and bedding, and food waste from campus dining commons. The biogas produced from the biodigester will generate approximately 2 million kWh per year for the campus. The environmental document for the project will be published in mid-June 2012 and the facility could begin producing electricity by the end of 2012. Finally, please see Innovation Credit 1 for another major clean and renewable energy effort UC Davis is undertaking.

"---" indicates that no data was submitted for this field

Option 1: Total clean and renewable electricity generated on site during the performance year and for which the institution retains or has retired the associated environmental attributes :

21.14 MMBtu

Option 2: Non-electric renewable energy generated :

6899.04 MMBtu

Option 3: Total clean and renewable electricity generated by off-site projects that the institution catalyzed and for which the institution retains or has retired the associated environmental attributes :

0 MMBtu

Option 4: Total RECs and other similar renewable energy products that the institution purchased during the performance year that are Green-e certified or meet the Green-e standard's technical requirements and are third party verified :

18107.64 MMBtu

Option 5: Total electricity generated with cogeneration technology using non-renewable fuel sources :

0 MMBtu

Total energy consumed during the performance year :

1896500 MMBtu

A brief description of on-site renewable electricity generating devices :

There is a 4.2 kW photovoltaic system installed at student residences (the Tri-Cooperatives). There are also solar thermal systems at Leach Hall, Cuarto Dining Commons, Tercero Phase II, and Solano Park student housing, for which there are no output records available at the time of this report.

A brief description of on-site renewable non-electric energy devices :

Methane gas is captured from the on-campus landfill and used in campus boilers.

A brief description of off-site, institution-catalyzed, renewable electricity generating devices :

A brief description of RECs or other similar renewable energy products purchased during the previous year, including contract timeframes :

In December 2011, Student Housing purchased RECs for two years of electricity consumption at Emerson and Webster Halls. The total electricity consumption for two years was estimated to be 2,327,796 kwh. The department also purchased carbon offsets for two years of natural gas consumption at the same buildings. The total natural gas consumption for two years was estimated to be 101,652 therms. Purchased offsets include: 7942.44 MMBTUs (Green-E Certified Clean Source for electricity consumption) and 10,165.2 MMBTUs (Choice Carbon for natural gas consumption). The campus procures the majority of its electricity from the Western Area Power Administration, which generates electricity from large hydropower, which does not contribute to greenhouse gas emissions, and for which WAPA provides RECs. (These RECs are not Green-e certified, so they are not counted in this credit.)

A brief description of cogeneration technologies deployed :

The website URL where information about the institution's renewable energy sources is available :

Timers for Temperature Control

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution use timers to regulate temperatures based on occupancy hours in at least one building? :

Yes

A brief description of the technology used :

The Energy Management Office maintains a setback schedule for many buildings, except for laboratories. Air Handler Units (AHUs), Exhaust Fans (Efs) and associated zones (room temperature controls) are setback during low-occupancy periods to save energy. This means that Monday-Friday the normal settings are in effect by about 5 a.m. and setback at 6 p.m., or earlier, to account for typical building occupancy schedules. There are additional setback guidelines for weekends, the day before a holiday, holidays, and the first business day after a holiday.

The percentage of building space with timers for temperature control is unknown.

The percentage of building space (square footage) with timers for temperature control :

The website URL where information about the practice is available :

<http://campus-care.ucdavis.edu/utilities/energy/energy-setback-schedule.shtml>

Lighting Sensors

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution use motion, infrared, and/or light sensors to reduce energy use for lighting in at least one building? :

Yes

A brief description of the technology used :

Vacancy sensors (PIR) and daylighting sensors are used in the large processing rooms of the LEED Platinum certified Teaching & Research Winery August A. Busch III Brewing and Food Science Laboratory. This building is but one example of an extensive program on campus to use lighting sensors to reduce energy use. For example, the campus recently completed a program in Shields Library to put motion sensors in the lighting in the library stacks. These sensors turn off the lighting when a row in the stacks is empty. Another example is the campus Smart Lighting Initiative where the campus is striving to reduce energy used for lighting 50-60% in the next 3-5 years. Phase one of the SLI project which is already under way will install vacancy sensors in all campus stairwells and most campus restrooms.

Further information can be found at:

Smart Lighting Initiative -

http://sustainability.ucdavis.edu/news/2010/november/smart_lighting.html

About the building referenced:

<http://greenrmi.ucdavis.edu/bldg/news/leed>

The percentage of building space with lighting sensors :

95

The website URL where information about the institution's use of the technology is available :

<http://dcm.ucdavis.edu/>

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Submission Note:

The campus has completed a number of retrofits noted above and has committed \$1 million for 2012 to install additional energy efficient lamps and controls in restrooms and stairwells and to replace specific incandescent lamps with LED type. In addition, the University is currently programming for the Smart Lighting Initiative, to achieve 60% lighting energy savings campus wide by 2015.

"---" indicates that no data was submitted for this field

Does the institution use Light Emitting Diode (LED) technology in at least one lighting application? LED applications in exit signs and remote controls do not count for this credit. :

Yes

A brief description of the technology used :

The University recently retrofitted half of its roadway and almost all of its pathway lighting fixtures to LED type. Dimmable LED fixtures with radio frequency control.

More information can be found at:

<http://facilities.ucdavis.edu/EnergyCons/projects/>

<http://campus-care.ucdavis.edu/building-maintenance/services.shtml#lighting>

<http://cltc.ucdavis.edu/content/view/394/298/>

<http://sustainability.ucdavis.edu/progress/energy/index.html>

The percentage of building space with LED lighting :

1

The percentage of parking deck space with LED lighting :

30

The percentage of outdoor space that uses LED lighting :

50

The percentage of building space with efficient, non-LED lighting (compact fluorescent, automatic daylight shutoff, or other energy-saving features) :

5

The website URL where information about the institution's use of the technology is available :

<http://cltc.ucdavis.edu/content/view/1013/447/>

Vending Machine Sensors

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Has the institution installed vending machine motion sensors for at least one vending machine? :

No

A brief description of the technology used :

UC Davis is in the early stages of a project to install vending machine sensors throughout campus.

The percentage of vending machines with sensors :

The website URL where information about the institution's use of the technology is available :

Energy Management System

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Submission Note:

Facilities Management is responsible for approximately 10 million square feet on the UC Davis Campus. Of that, approximately 60% is monitored by the EMO and managed with EMS.

"---" indicates that no data was submitted for this field

Does the institution use a centralized energy management system that allows it to track energy consumption and performance in multiple buildings in a central location? :

Yes

A brief description of the management system :

UC Davis Facilities Management has established an Energy Management Office (EMO). This office operates and maintains centralized energy management systems (EMS). EMS used on the campus are produced primarily by the manufacturers: Siemens/Staefa, Johnson Controls, and Automated Logic Controls. These centralized systems allow the EMO to control many systems remotely and adjust to changing conditions to save energy.

The percentage of building space monitored with a centralized energy management system :

60

A description of what systems are shut down during unoccupied periods :

Where possible and practical, air handling units and associated equipment are shut down during unoccupied periods. This is accomplished through scheduling utilizing the EMS.

The website URL where information about the institution's use of the technology is available :

Energy Metering

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Submission Note:

Currently, only electrical use is reported, but plans are in place to expand public reporting to include all metering data.

"---" indicates that no data was submitted for this field

Does the institution meter all energy consumption (electricity, natural gas, purchased steam, etc.) for at least one building? :

Yes

A brief description of the metering system :

UC Davis has extensive real-time metering in place for all campus utility systems. All metering data is collected and stored in central databases for review and analysis.

As of March 2012, 76% of all campus space has building-level electrical meters, 60% of all campus space served by the central steam loop has building-level steam meters, 62% of all campus space served by the central chilled water loop has building-level chilled water meters. 87% of all campus gas use is metered at the facility-level. Over 50 of our largest buildings, totaling almost 4 million square feet have full energy metering in place.

The percentage of building space with energy metering :

87

The website URL where information about the metering system is available :

<http://facilities.ucdavis.edu/Dashboard/>

Grounds

This subcategory seeks to recognize institutions that plan and maintain their grounds with sustainability in mind. Beautiful and welcoming campus grounds can be planned, planted, and maintained in any region while minimizing the use of toxic chemicals, protecting wildlife habitat, and conserving water and resources.

Credit
Integrated Pest Management
Native Plants
Wildlife Habitat
Tree Campus USA
Snow and Ice Removal
Landscape Waste Composting

Integrated Pest Management

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution's grounds are developed and maintained in accordance with an integrated pest management plan that adheres to the following four-tiered approach:

- 1) Set action thresholds
 - 2) Monitor and identify pests
 - 3) Prevention
 - 4) Control
-

"---" indicates that no data was submitted for this field

The size of the campus grounds :

0 Acres

The size of campus grounds that are maintained in accordance with a four-tiered IPM plan :

0 Acres

A brief description of the IPM plan(s) :

We are pursuing this credit for STARS, but do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool Schools survey.

The website URL where information about the IPM plan(s) is available :

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution prioritize the use of native plant species in landscaping? :

Yes

A brief description of the native plant program, policy, or practice :

The horticultural staff of the UC Davis Arboretum have identified 100 tough, reliable plants that have been tested in the Arboretum, are easy to grow, don't need a lot of water, have few problems with pests or diseases, and have outstanding qualities in the garden. Many of them are California native plants and support native birds and insects. These Arboretum All-Star plants can be successfully planted and grown throughout California.

UC Davis landscape staff is in the process of both identifying and converting turf and higher-maintenance landscapes into native grass meadows and drought tolerant regionally-appropriate landscapes on campus. By identifying the most used public spaces on Campus, coupled with the landscape type, staff were able to identify dozens of acres of high water use turf areas that were not needed. These areas will be replaced with native grass meadows that will not require irrigation, and will reduce frequency of maintenance. An initial project removed two acres of irrigated turf and replaced it with native grasses, including the California state grass, purple needlegrass.

Further information can be found at:

<http://publicgarden.ucdavis.edu/>

The website URL where information about the program, policy, or practice is available :

http://arboretum.ucdavis.edu/arboretum_all_stars.aspx

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have programs in place to protect and/or create wildlife habitat on institution-owned land? :

Yes

A brief description of the wildlife habitat program, policy, or practice :

UC Davis has a natural habitat program, which includes the Putah Creek Riparian Reserve and the Russell Ranch Habitat Area, totaling about 660 acres (together they equal 12.4% of the land holdings of UC Davis). These two areas include preserved and restored lands, and permit research and teaching uses, as well as public access at the Putah Creek Riparian Reserve. In addition, UC Davis partnered with local governments and the state Department of Conservation to purchase an expanse of land for agricultural preservation. For more about the McConeghy Ranch see:

http://www.conservation.ca.gov/index/news/2005%20News%20Releases/Pages/NR2005-26_McConeghy_Ranch_Easement.aspx

The website URL where information about the program, policy, or practice is available :

<http://putahcreek.ucdavis.edu/>

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Is the institution recognized by the Arbor Day Foundation's Tree Campus USA program? :

Yes

A brief description of the institution's Tree Campus USA program :

The Arbor Day Foundation has named the University of California Davis a "Tree Campus USA" for four years in honor of its commitment to effective community forestry management. UC Davis achieved the designation by meeting the required five core standards for sustainable campus forestry: a tree advisory committee, a campus tree-care plan, dedicated annual expenditures for its campus tree program, an Arbor Day observance and the sponsorship of student service-learning projects.

The website URL where information about the program, policy, or practice is available :

<http://publicgarden.ucdavis.edu/in-the-news/tree-campus-us>

Snow and Ice Removal

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Has the institution implemented technologies or strategies to reduce the environmental impacts of snow and ice removal? :

No

A brief description of the snow and ice removal program, policy, or practice :

We do not have any snow or ice throughout the year, and therefore there is no need for removal.

The website URL where information about the program, policy, or practice is available :

Landscape Waste Composting

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Submission Note:

"---" indicates that no data was submitted for this field

Does the institution compost or mulch waste from grounds keeping, including grass trimmings? :

No

A brief description of the composting or mulching program :

We are pursuing this credit for STARS, but do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool Schools survey.

The percentage of landscape waste that is mulched or composted onsite :

The percentage of landscape waste that is mulched or composted off-site :

The website URL where information about the program, policy, or practice is available :

Purchasing

This subcategory seeks to recognize institutions that are using their purchasing power to help build a sustainable economy. Collectively, colleges and universities spend many billions of dollars on goods and services annually. Each purchasing decision represents an opportunity for institutions to choose environmentally and socially preferable products and services and support companies with strong commitments to sustainability.

Credit
Computer Purchasing
Cleaning Products Purchasing
Office Paper Purchasing
Vendor Code of Conduct
Historically Underutilized Businesses
Local Businesses

Computer Purchasing

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Part 1

Institution has an institution-wide stated preference to purchase Electronic Product Environmental Assessment Tool (EPEAT) Silver or higher products. This can take the form of purchasing policies, guidelines, or directives. This credit does not include specialized computers for which no EPEAT certified products are available. Policies and directives adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution purchases Electronic Product Environmental Assessment Tool (EPEAT) Silver and/or Gold registered products for standard desktop and notebook/laptop computers and monitors. This credit does not include specialized computers for which no EPEAT certified products are available.

Submission Note:

EPEAT purchases are reported, however data is not available as to the level (Gold, Silver, Bronze). In calendar year 2011, EPEAT rated purchases totaled \$2,533,698. This figure is based on UC Davis purchases from the UC systemwide agreement, which the primary source of computer products. The figure does not include purchases from non-agreement sources.

"---" indicates that no data was submitted for this field

Does the institution have an institution-wide stated preference to purchase EPEAT Silver or higher computers and monitors? :

Yes

The website URL where the EPEAT policy, directive, or guidelines are posted :

<http://sustainability.universityofcalifornia.edu/>

A brief description of steps the institution has taken to ensure that the purchasing policy, directives, or guidelines are followed :

University of California PC agreements require that sellers strive to provide products that meet or exceed EPEAT Silver Level or higher products.

Systemwide policy reads as follows:

Reduction of Hazardous Electronic Waste

- a. All desktop computers, laptops, and computer monitors purchased by the University are required to have achieved Bronze registration or higher under the Electronic Products Environmental Assessment Tool (EPEAT).
- b. Additional consideration will be provided for electronics products that have achieved EPEAT Silver or EPEAT Gold registration. The registration criteria and a list of all registered equipment are provided at

<http://www.epeat.net>

Does the institution wish to pursue points for Part 2 of this credit (expenditures on EPEAT computers)? :

No

Expenditures on EPEAT Gold desktop and laptop computers and monitors :

Expenditures on EPEAT Silver desktop and laptop computers and monitors :

Total expenditures on desktop and laptop computers and monitors :

3807895 *US/Canadian \$*

Cleaning Products Purchasing

Responsible Party

Allen Doyle

Sustainability Manager

Office of Environmental Stewardship and Sustainability

Criteria

Part 1

Institution has an institution-wide stated preference to purchase Green Seal™ or EcoLogo™ certified cleaning products. The stated preference can take the form of purchasing policies, guidelines, or directives to purchase green cleaning products. Policies and directives adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution's main cleaning or housekeeping department(s) and/or contractor(s) purchase Green Seal or EcoLogo certified cleaning products. This credit does not include cleaning products for which no Green Seal or EcoLogo certified products are available.

Submission Note:

UC Davis is in the process of collecting this information. At this time, the data provided represents the purchases of cleaning chemicals from one vendor and therefore is not inclusive of all campus purchases.

UC Davis typically tracks green cleaning according to the standards of LEED for Existing Buildings: Operations & Maintenance IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials, which requires tracking of cleaning chemicals, paper products, trash can liners, and hand soaps using several standards. Calculating according to this LEED criteria, UC Davis spent 83% of purchasing dollars on sustainable cleaning products and materials.

"---" indicates that no data was submitted for this field

Does the institution have an institution-wide stated preference to purchase Green Seal (tm) or EcoLogo (tm) certified cleaning products? :

Yes

The website URL where the green cleaning product purchasing policy, directive, or guidelines are posted :

<http://campus-care.ucdavis.edu/custodial/>

A brief description of steps the institution has taken to ensure that the purchasing policy, directives, or guidelines are followed :

Custodial services and their policies are divided into five main sectors across campus due to financial and administrative boundaries. The policies in all sectors are compliant with the LEED for Existing Buildings: Operations & Maintenance 2009 rating system and associated guidance documents.

1. Academics and Administration –Policy and Procedures Manual 360-30 covers cleaning procedures and requires LEED-compliant custodial services. Many green practices in this sector started before policy required them, including purchase of Green Seal cleansers and recycled paper products.
2. Dining Commons- The University Dining Commons is managed by Sodexo Resident General Manager, and the PRIDE Industries; together they collaborate to implement the policy and plan.
3. Student Housing-The Green Cleaning Policy applies to all cleaning conducted by UC Davis Student Housing for certain buildings in Cuarto, Tercero, and Segundo.
4. Associated Students-These spaces are cleaned by contract services; see below.
5. Contract- Pride Industries – Pride Industries offers their services to different sections of the UC Davis campus, with details in the documents titled PRIDE Clean Appendix and PRIDE Green Building

Does the institution wish to pursue points for Part 2 of this credit (expenditures on cleaning products)? :

Yes

Expenditures on Green Seal and/or EcoLogo certified cleaning products :

7111.56 *US/Canadian \$*

Total expenditures on cleaning products :

35366.40 *US/Canadian \$*

A copy of the sections of the cleaning contract(s) that reference certified green products :

Office Paper Purchasing

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Part 1

Institution has an institution-wide stated preference to purchase recycled content office paper. This can take the form of purchasing policies, guidelines, or directives to purchase recycled content office paper. Policies and directives adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution purchases recycled content office paper.

Submission Note:

Expenditures reported here include paper purchases from the primary office supply contractor as well as bulk paper purchases for the central printing operation (Repro Graphics). There may be additional unreported paper purchases from authorized sources, but this would be a negligible percentage of the overall purchases reported here.

"---" indicates that no data was submitted for this field

Does the institution have an institution-wide stated preference to purchase recycled content office paper? :

Yes

The URL where the recycled paper policy, directive, or guidelines are posted :

<http://manuals.ucdavis.edu/PPM/350/350-05.PDF>

A brief description of steps the institution has taken to ensure that the purchasing policy, directives, or guidelines are followed :

There is both systemwide and local policy that provides direction on recycled content office paper. Office paper is generally purchased through the systemwide agreement with OfficeMax. Under this agreement we have negotiated better pricing for recycled content paper than for its virgin equivalent. The campus e-procurement system (UCD-Buy) returns environmentally preferable offerings first when a buyer searches for office paper, which is clearly noted with an EPP icon. UC Davis Contracting Services also maintain a web page providing EPP information to campus customers (

).

Does the institution wish to pursue points for Part 2 of this credit (expenditures on recycled paper)? :

Yes

Expenditures on 10-29 percent recycled-content office paper :

400 *US/Canadian \$*

Expenditures on 30-49 percent recycled-content office paper :

785506 *US/Canadian \$*

Expenditures on 50-69 percent recycled-content office paper :

52609 *US/Canadian \$*

Expenditures on 70-89 percent recycled-content office paper (required if claiming points for Part 2) :

0 *US/Canadian \$*

Expenditures on 90-100 percent recycled-content office paper :

94988 *US/Canadian \$*

Total expenditures on office paper :

1008019 *US/Canadian \$*

Vendor Code of Conduct

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution has and acts on a vendor code of conduct or equivalent policy that sets expectations about the social and environmental responsibility of vendors with whom the institution does business. Policies adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

"---" indicates that no data was submitted for this field

Does the institution have and act on a vendor code of conduct or equivalent policy that sets expectations about the social and environmental responsibility of vendors with whom the institution does business? :

Yes

The website URL where the vendor code of conduct or equivalent policy is posted :

<http://www.ucop.edu/>

A copy of the vendor code of conduct or equivalent policy :

A brief description of programs and strategies institution has implemented to ensure the code is followed, including a brief description of instances when vendor code of conduct has changed purchasing behavior within the last five years, if applicable :

The University of California Sustainable Practices Policy (

<http://www.ucop.edu/ucophome/coordrev/policy/sustainable-practices-policy.pdf>

) provides general guidance to UC campuses for Environmentally Preferable Purchasing Practices. This policy is the basis for establishing unique sustainability criteria in bid documents for systemwide agreements. Environmental responsibility and sustainable practices are considered in the quality portion of the bid evaluation. Systemwide agreements are monitored and require a quarterly review by the vendor. Compliance with all bid requirements are addressed during the quarterly review.

Full URL can be viewed at:

<http://www.ucop.edu/ucophome/coordrev/policy/sustainable-practices-policy.pdf>

(see sections III.G and V.G)

Historically Underutilized Businesses

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution seek to support historically underutilized businesses, minority-owned businesses, and women owned-businesses? :

No

A brief description of how the institution meets the criteria :

We are pursuing this credit for STARS, but do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool Schools survey.

The website URL where information about the program, policy, or practice is available :

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution give preference to local products and businesses in its purchasing decisions? Local food purchases, which are covered in OP Credit 6: Food Purchasing, are not included in this credit. :

Yes

A brief description of the program :

The UC Davis Environmentally Preferable Purchasing strategy encourages the purchase of local goods. UC Davis recognizes that purchasing local goods reduces emissions associated with the transport of the item(s), contributes to the local economy, and sometimes even reduces waste from packaging materials.

The Coffee House, a student-run dining facility located in the campus student center, uses its purchasing power to support the companies, practices and ideals that will help the local and global community. For example, the Coffee House has developed a relationship with local farmers, through the Yolo County Growers Collaborative and the UC Davis Student Farms, to make organic and locally-grown fruits and vegetables available to customers whenever possible. Further information can also be found at:

<http://coffeehouse.ucdavis.edu/local>

Student Housing purchasing practices offer several specific examples of purchasing from local businesses. For example, the department works with only three T-shirt vendors – two in Davis and one in a nearby city. The department also works with the on-campus print shop for printed materials. Special events associated with the department usually support the local movie theater or restaurants.

The website URL where information about the program, policy, or practice is available :

<http://purchasing.ucdavis.edu/green/index.cfm?opt=2>

Transportation

This subcategory seeks to recognize institutions that are moving toward sustainable transportation systems. Transportation is a major source of greenhouse gas emissions and other pollutants that contribute to health problems such as heart and respiratory diseases and cancer. Due to disproportionate exposure, these health impacts are frequently more pronounced in low-income communities next to major transportation corridors. In addition, the extraction, production, and global distribution of fuels for transportation can damage environmentally and/or culturally significant ecosystems and may financially benefit hostile and/or oppressive governments.

At the same time, campuses can reap benefits from modeling sustainable transportation systems. Bicycling and walking provide human health benefits and mitigate the need for large areas of paved surface, which can help campuses to better manage storm water. Institutions may realize cost savings and help support local economies by reducing their dependency on petroleum-based fuels for transportation.

Credit
Campus Fleet
Student Commute Modal Split
Employee Commute Modal Split
Bicycle Sharing
Facilities for Bicyclists
Bicycle and Pedestrian Plan
Mass Transit Programs
Condensed Work Week
Telecommuting
Carpool/Vanpool Matching
Cash-out of Parking
Carpool Discount
Local Housing
Prohibiting Idling
Car Sharing

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution supports alternative fuel and power technology by including in its motorized vehicle fleet (cars, trucks, tractors, buses) vehicles that are:

1. Gasoline-electric hybrid
2. Diesel-electric hybrid
3. Plug-in hybrid
4. 100 percent electric
5. Fueled with Compressed Natural Gas (CNG)
6. Hydrogen fueled
7. Fueled with B20 or higher biofuel for more than 6 months of the year; and/or
8. Fueled with E85 or higher ethanol for more than 6 months of the year.

For this credit, the institution's motorized fleet includes all institution-owned and operated vehicles that are used for transporting people and/or goods. Heavy construction equipment (e.g. excavators and pavers) and maintenance equipment (e.g. lawn-mowers and leaf blowers) are not included in this credit.

"---" indicates that no data was submitted for this field

Gasoline-electric, non-plug-in hybrid vehicles in the institution's fleet :

58

Diesel-electric, non-plug-in hybrid vehicles in the institution's fleet :

0

Plug-in hybrid vehicles in the institution's fleet :

24

100 percent electric vehicles in the institution's fleet :

78

Vehicles in the institution's fleet that are fueled with Compressed Natural Gas (CNG) :

196

Hydrogen fueled vehicles in the institution's fleet :

0

Vehicles in the institution's fleet that are fueled with B20 or higher biofuel for more than 6 months of the year :

165

Vehicles in the institution's fleet that are fueled with E85 or higher ethanol for more than 6 months of the year :

132

Total number of vehicles in the institution's fleet, including all of the above :

1303

Student Commute Modal Split

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution's students commute to and from campus using more sustainable options such as walking, bicycling, vanpooling or carpooling, taking public transportation, riding motorcycles or scooters, riding a campus shuttle, or a combination of these options. Students who live on campus should be included in the calculation based on how they get to and from their classes.

Submission Note:

Data is taken from the 2010-2011 Campus Travel Survey

---" indicates that no data was submitted for this field

The percentage (0-100) of institution's students who use more sustainable commuting options :

84.80

The percentage (0-100) of institution's students who commute with only the driver in the vehicle (excluding motorcycles and scooters) as their primary method of transportation :

15.20

The percentage (0-100) of institution's students who walk, bicycle, or use other non-motorized means as their primary method of transportation. Please note that this may include on-campus residents :

54.20

The percentage (0-100) of institution's students who vanpool or carpool as their primary method of transportation :

5.30

The percentage (0-100) of institution's students who take a campus shuttle or public transportation as their primary method of transportation :

25.30

The percentage (0-100) of institution's students who use a motorcycle, scooter or moped as their primary method of transportation :

The website URL where information about alternative transportation is available :

http://pubs.its.ucdavis.edu/publication_detail.php?id=1476

Employee Commute Modal Split

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution's employees (faculty, staff, and administrators) commute to and from campus using more sustainable options such as walking, bicycling, vanpooling or carpooling, taking public transportation, riding motorcycles or scooters, riding a campus shuttle, or a combination of these options. Employees who live on campus should be included in the calculation based on how they get to and from their workplace.

Submission Note:

Data is from the 2010-2011 Campus Travel Survey

"---" indicates that no data was submitted for this field

The percentage (0-100) of institution's employees that use more sustainable commuting options :

46.40

The percentage (0-100) of institution's employees who commute with only the driver in the vehicle (excluding motorcycles and scooters) as their primary method of transportation :

53.60

The percentage (0-100) of institution's employees who walk, bicycle, or use other non-motorized means as their primary method of transportation. Please note that this may include on-campus residents :

26.90

The percentage (0-100) of institution's employees who vanpool or carpool as their primary method of transportation :

14.80

The percentage (0-100) of institution's employees who take a campus shuttle or public transportation as their primary method of transportation :

4.70

The percentage (0-100) of institution's employees who use a motorcycle, scooter, or moped as their primary method of transportation :

The website URL where information about alternative transportation is available :

http://pubs.its.ucdavis.edu/publication_detail.php?id=1476

Bicycle Sharing

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a bicycle-sharing program or participate in a local bicycle-sharing program? :

Yes

A brief description of the program, including an indication of its scope (e.g., the number of bicycles the program makes available, participation levels, etc.) :

There are several programs that make bicycles available to the campus community and visitors.

The ASUCD Bike Barn has a fleet of over 200 rental bicycles. Many are used by campus visitors, especially those who attend conferences and meetings over a several day period. Additional rental bicycles are secured by the Bike Barn to accommodate large conferences. Further information can be found at:

<http://bikebarn.ucdavis.edu/>

TAPS holds two bicycle auctions annually, plus occasional eBay® auctions. At the biannual public auctions, over 400 abandoned bicycles are sold to be refurbished and re-used. These are bikes that are impounded as abandoned bikes from all over campus. Attempts are made to contact the owners, but most unclaimed bikes are then sold through the auctions.

Many campus departments have their own small fleets of bicycles for use by their employees to run errands, attend meetings, etc.

The website URL where information about the program, policy, or practice is available :

<http://taps.ucdavis.edu/bicycle/auctions/>

Facilities for Bicyclists

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have indoor and secure bike storage, shower facilities, and lockers for bicycle commuters in at least one building? :

Yes

A brief description of the facilities :

The UC Davis campus provides a variety of secured bike parking options and shower facilities for bicycle commuters. Bicycle Lockers: There are over eighty secure, all-metal bike locker spaces for rent around the campus.

High Security Bicycle Racks: of over 20,000 bike parking spaces on campus, over 95% are state-of-the-art high security bike racks.

Shower Facilities: The UC Davis Athletic and Recreation Center (ARC) provides free shower facilities for all campus bicycle commuters, whether they are students (who have free access to the entire facility), non-student ARC members, or non-members.

A number of campus buildings have shower facilities for use by staff employed in those buildings. These include, but are not limited to, the Veterinary Medicine School, Transportation and Parking Services, University Police and Fire departments, King Hall Law School.

Locations of shower facilities may be seen in Appendix 7 of the UC Davis Bicycle Plan linked to from this website

<http://taps.ucdavis.edu/resources/transportation/>

The website URL where information about the program, policy, or practice is available :

<http://taps.ucdavis.edu/bicycle/>

Bicycle and Pedestrian Plan

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Has the institution developed a bicycle plan? :

Yes

A brief description of the plan :

The UC Davis Bicycle Plan (2011), prepared by the UC Davis Bicycle Coordinator, serves as a guide to the continuing improvement and encouragement of bicycling as a significant mode of transportation to, from and on the University of California campus at Davis. As such, this document describes existing policies and facilities related to campus bicycling, and it includes a list of projects and programs intended to improve the UC Davis cycling environment in the future. The plan complies with the requirements and guidelines spelled out in Section 891.2 of the California Streets and Highways Code.

The UC Davis Bikeway and Transit Network Study (BTNS) began in March 2008 and was completed in February 2009. A long-range planning effort, the purpose of the BTNS is to improve bicycle and transit access to meet today's demand and position these networks for future growth.

To achieve these goals, the BTNS focused on developing a flexible bikeway network that can accommodate incremental growth and that provides improved connections throughout campus with particular emphasis on connections between the Central Campus and the planned West Village.

The BTNS provides a blueprint for the campus' future bikeway and transit network by recommending specific improvements to upgrade existing infrastructure and outlining where new facilities are needed. As implementation is crucial to the success of any plan, the BTNS provides an overview of conceptual costs, priorities, funding sources, and implementation issues. Further information can be found at:

<http://cpcr.ucdavis.edu/btns>

The website URL where information about the plan is available :

<http://taps.ucdavis.edu/resources/transportation/>

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Submission Note:

"---" indicates that no data was submitted for this field

Does the institution offer free or reduced price transit passes and/or operate a free campus shuttle? :

Yes

A brief description of the program(s), (s), including availability, participation levels, and specifics about discounts or subsidies offered (including pre-tax options) :

UC Davis meets the criteria for this credit by offering discounted transit passes for four regional transit agencies, discounted Commuter Checks and a subsidized intercampus shuttle between the UC Davis campus and the UC Davis Medical Center in Sacramento. Additionally, undergraduate students pay a portion of their registration fees for full access to the Unitrans system.

Subsidized transit passes and Commuter Checks are available for UC Davis students, staff and faculty through the UC Davis alternative transportation program, the goClub. Discounts include 10-ride and monthly transit passes for use on buses operated by four different regional transit agencies; Commuter Checks for use at Amtrak; and UC Davis TAPS subsidizes the cost of an intercampus shuttle that runs between the UC Davis campus and the UC Davis Medical Center in Sacramento.

The standard discount provided by TAPS for a monthly transit pass or Commuter Check is \$23. 10-ride transit passes and Commuter Checks are also available for those who commute on a part time basis at a standard discount of \$18 per pass. Customers may enroll in pre-tax payroll deduction or purchase transit passes and Commuter Checks by check. Additional benefits available for commuters using the train or transit are complimentary occasional use daily parking permits and access to the emergency ride home program.

Currently, there are approximately 450 individuals utilizing these discounted bus passes and Commuter Checks each month.

Further information can be found at:

goClub train program:

<http://goclub.ucdavis.edu/train/>

UC Davis /UCDMC Shuttle:

http://www.ucdmc.ucdavis.edu/parking/transportation/intercampus_shuttle/

The website URL where information about the program is available :

<http://goclub.ucdavis.edu/bus/>

Condensed Work Week

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution offer a condensed work week option for employees? The institution does not have to offer the option to all employees in order to earn this credit. :

Yes

A brief description of the program :

Non-represented professional and support staff are eligible to request workplace flexibility. Represented employees may participate as allowed by their perspective bargaining agreements. An employee initiates the request for Workplace Flexibility by submitting a proposal to her/his supervisor and/or unit/department head. Workplace Flexibility includes compressed workweek, flextime, and telecommuting. Workplace Flexibility at UC Davis supports three campus initiatives: Principles of Community, Sustainability, and Wellness.

The website URL where information about the program is available :

<http://www.hr.ucdavis.edu/worklife-wellness/work/workplace-flexibility/compressed-workweek/>

Telecommuting

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution offer a telecommute program for employees? :

Yes

A brief description of the program :

Non-represented professional and support staff are eligible to request workplace flexibility. Represented employees may participate as allowed by their perspective bargaining agreements. An employee initiates the request for Workplace Flexibility by submitting a proposal to her/his supervisor and/or unit/department head. Workplace Flexibility includes compressed workweek, flextime, and telecommuting. Workplace Flexibility at UC Davis supports three campus initiatives: Principles of Community, Sustainability, and Wellness.

The website URL where information about the program is available :

<http://www.hr.ucdavis.edu/worklife-wellness/work/workplace-flexibility/telecommuting/>

Carpool/Vanpool Matching

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution participate in a carpool/vanpool matching program? :

Yes

A brief description of the program :

UC Davis meets the criteria for this credit and participates in carpool and vanpool matching programs exclusively for UC Davis and for regional commuters. The matching service is provided by Zimride and by the local Transportation Management Association (Yolo TMA).

The Zimride program allows UC Davis students, staff and faculty to post one-time trips or regular commute trips to the online system to find potential carpool matches. Each individual may create an account specifying interests, musical taste and referrals from past carpool partners. Zimride also allows participants to arrange for payment through the online system once a carpool match has been made. Currently all UC Davis vanpool are also listed on Zimride to link the vanpools to potential new riders.

Additionally, UC Davis is a member of the Yolo Transportation Management Association that allows customers access to the Sacramento Region Commuter Club, an online system for commuters to find potential carpool partners outside of the University.

Further information can be found at:

Sacramento Region Commuter Club:

<http://www.sacregioncommuterclub.org/>

The website URL where information about the program is available :

<http://zimride.ucdavis.edu/>

Cash-out of Parking

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution allow commuters to cash out of parking spaces (i.e., it pays employees who do not drive to work)?

:

Yes

A brief description of the program :

UC Davis TAPS provides an incentive for members of the transportation alternatives program, the goClub. Commuters committed to using alternative transportation as their primary commute mode are given a set number of complimentary days of parking to discourage the purchase of a long term parking permit. Each day of complimentary parking that is issued is valued at \$7 and members of the goClub may receive up to 24 days of complimentary parking each fiscal year with a cash value of \$168.

The website URL where information about the program is available :

<http://goclub.ucdavis.edu/guidelines/guidelines.html>

Carpool Discount

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Submission Note:

"---" indicates that no data was submitted for this field

Does the institution offer reduced parking fees for car and van poolers? :

Yes

A brief description of the program :

UC Davis meets the criteria for this credit by offering up to 60% off standard parking permit rates for members of a carpool and a discount of approximately 43% off standard parking permit rates for vanpool vehicles.

UC Davis Transportation and Parking Services offers discounted carpool parking permits to carpools consisting of two or more individuals. The carpools are required to register at TAPS and purchase a minimum of a quarter-long parking permit to receive the discount. Vanpool vehicles at UC Davis receive a significant discount of \$252 off an annual parking permit. In addition to discounted parking permits, members of carpools and vanpools are qualified for additional benefits such as, dedicated parking spaces, complimentary occasional use daily parking permits, access to the emergency ride home program and pre-tax payroll deduction benefits.

In addition to the benefits offered by UC Davis TAPS, the Yolo Transportation Management Association offers a rideshare incentive of \$25 per month for the first two month for new carpools registered with their online system and an additional \$25 incentive check and a complimentary car wash after one year of carpooling.

Further information can be found at:

General vanpool benefits:

<http://goclub.ucdavis.edu/van/>

Parking permit pricing comparison:

<http://taps.ucdavis.edu/parking/permits/rates.cfm>

Yolo Transportation Management Association:

<http://www.yolotma.org/carpool-incentive-program/>

The website URL where information about the program is available :

<http://goclub.ucdavis.edu/carpool/>

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Submission Note:

"---" indicates that no data was submitted for this field

Does the institution have incentives or programs to encourage employees to live close to campus? :

Yes

A brief description of the incentives or programs :

Aggie Village offers UC Davis faculty and staff the opportunity to purchase affordable, quality homes adjacent to campus and created specifically to suit the needs of the growing university community. Aggie Village's location integrates the campus with downtown Davis, and in part, functions as a gateway to the city and the UC campus. The five-block site includes retail, residential and university uses, and useable open spaces. Bicycle trails and pedestrian paths offer connections to destinations in Davis and the University. Aggie Village is bordered on the south by the UC Davis Arboretum, which has its own bicycle and pedestrian paths.

UC Davis West Village is a new campus neighborhood located on UC Davis land adjacent to the core campus in Davis, California. It is designed to enable faculty, staff and students to live near campus, take advantage of environmentally friendly transportation options, and participate fully in campus life. Located west of the core campus, UC Davis West Village allows ease of pedestrian, bicycle and transit access to the main campus and greater community. The community is served by Unitrans, the campus-city bus service, and as UC Davis West Village matures, residents may not purchase a parking permit on campus.

Further information can be found at:

<http://westvillage.ucdavis.edu/>

The website URL where information about the incentives or programs is available :

<http://crm.ucdavis.edu/realestate/managed-properties/aggie-village>

Prohibiting Idling

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Has the institution adopted a policy prohibiting idling? :

Yes

A brief description of the policy :

UC Davis has instituted idling prohibitions at various loading docks, building areas, and transit terminals. These efforts were prompted by concerns regarding indoor air quality and the need to ensure that vehicle emissions do not enter the air intake systems at adjacent buildings. The campus bus system operates with strong idling restrictions to reduce emissions and conserve fuel.

In addition, UC Davis adopted a mitigation measure (Long Range Development Plan (LRDP) Mitigation 4.3-3(c) for construction vehicles to limit unnecessary idling at construction sites.

From fleet vehicles and private vehicles used by campus members, the campus has adopted the following mitigation measure (LRDP Mitigation 4.3-1(a)):

- The campus shall continue to actively pursue Transportation Demand Management to reduce reliance on private automobiles for travel to and from the campus.
- Provide pedestrian-enhancing infrastructure to encourage pedestrian activity and discourage vehicle use.
- Provide bicycle facilities to encourage bicycle use instead of driving.
- Provide transit-enhancing infrastructure to promote the use of public transportation.
- Provide facilities to accommodate alternative-fuel vehicles such as electric cars and CNG vehicles.
- Improve traffic flows and congestion by timing of traffic signals to facilitate uninterrupted travel.
- When the campus purchases new vehicles, the campus will evaluate the practicality and feasibility of acquiring low-pollution vehicles that are appropriate for the task and will purchase these types of vehicles when practical and feasible. When replacing diesel engines in existing equipment, the campus will install up-to-date technology.

In addition, the campus adopted LRDP Mitigation 4.3-1(c) stating that: "The campus will work with the YSAQMD to ensure that emissions directly and indirectly associated with the campus are adequately accounted for and mitigated in applicable air quality planning efforts. The YSAQMD can and should adopt adequate measures consistent with applicable law to ensure that air quality standard violations are avoided."

The website URL where information about the policy is available :

http://sustainability.ucdavis.edu/local_resources/docs/enviroreview/Irdpeir/4.03_air.pdf

Car Sharing

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution participate in a car sharing program, such as ZipCar or HourCar? :

Yes

A brief description of the program :

UC Davis participates in a carshare program provided by Zipcar and by providing a carshare program for departments to use for University business through UC Davis Fleet Services.

There are currently 8 Zipcar carshare vehicles in 3 locations on the UC Davis campus available for staff, students, faculty and community members to rent by the hour or the day.

In addition to the commercial carshare service provided by Zipcar, UC Davis Fleet Services operates the UC Drive program with 8 vehicles in 2 locations on campus available for UC Davis staff and faculty to rent by the hour for University business. The UC Drive program uses the campus recharge system to allow departments to pay for hourly vehicle use providing an alternative to the use of departmental vehicles or personal vehicles for business use.

Further information can be found at:

<http://fleet.ucdavis.edu/Dispatch/ucdrive>

The website URL where information about the program, policy, or practice is available :

<http://www.zipcar.com/ucd>

Waste

This subcategory seeks to recognize institutions that are moving toward zero waste by reducing, reusing, recycling, and composting. These actions mitigate the need to extract virgin materials, such as trees and metals. It generally takes less energy and water to make a product with recycled material than with virgin resources. Reducing waste generation also reduces the flow of waste to incinerators and landfills which produce greenhouse gas emissions, can contaminate air and groundwater supplies, and tend to have disproportionate negative impacts on low-income communities. Waste reduction and diversion also save institutions costly landfill and hauling service fees. In addition, waste reduction campaigns can engage the entire campus community in contributing to a tangible sustainability goal.

Credit
Waste Reduction
Waste Diversion
Construction and Demolition Waste Diversion
Electronic Waste Recycling Program
Hazardous Waste Management
Materials Exchange
Limiting Printing
Materials Online
Chemical Reuse Inventory
Move-In Waste Reduction
Move-Out Waste Reduction

Waste Reduction

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution has implemented source reduction strategies to reduce total waste generation (garbage, recycling, and compost) per weighted campus user compared to a 2005 baseline.

Total waste generation includes all materials recycled, composted, and disposed of as trash except construction, demolition, electronic, hazardous, special (e.g. coal ash), universal and non-regulated chemical waste, which are covered in *OP Credit 19: Construction and Demolition Waste Diversion*, *OP Credit 20: Electronic Waste Recycling Program*, and *OP Credit 21: Hazardous Materials Management*.

Submission Note:

UC Davis has a fairly robust waste reduction and recycling program, including the nation's first zero waste stadium, and a major organics and food waste diversion program. The campus focus on reducing waste can be traced back to at least 1975, when Bargain Barn opened in an effort to more responsibly dispose of surplus equipment, furniture and supplies.

"---" indicates that no data was submitted for this field

Weight of materials recycled, 2005 baseline year :

1699 Tons

Weight of materials composted, 2005 baseline year :

8222 Tons

Weight of materials disposed as garbage, 2005 baseline year :

9425 Tons

Weight of materials recycled, performance year :

1735 Tons

Weight of materials composted, performance year :

10470 Tons

Weight of materials disposed as garbage, performance year :

List the start and end dates of the waste reduction performance year :

01/01/2011-12/30/2011

On-campus residents, 2005 :

4916

Non-residential/commuter full-time students, faculty, and staff members, 2005 :

35273

Non-residential/commuter part-time students, faculty, and staff members, 2005 :

14663

On-campus residents, performance year :

5230

Non-residential/commuter full-time students, faculty, and staff members, performance year :

41619

Non-residential/commuter part-time students, faculty, and staff members, performance year :

14558

Time period for weighted campus user (list the consecutive 12 month period that most closely overlaps with waste reduction performance year) :

Fall 2011

Indication of whether institution has a stated commitment to waste-reduction goals, such as zero waste :

Yes

A brief description of the plan of action to achieve waste reduction goals :

UC Davis is committed to the goal of 75% waste diversion by June 30, 2012 and a zero waste goal by 2020.

UC Davis has a basic recycling program in place in a majority of areas of campus. Additionally, staff identify waste streams that are not currently captured and diverted from the landfill. To accurately determine what types of waste are currently hauled to the landfill, staff will complete a characterization of the campus waste stream.

UC Davis is also working on developing an anaerobic digester that will divert a large majority of campus organics and compostable materials. The campus organics diversion program will be expanding to divert additional material to the biodigester for use as feedstock. Staff also look at the current procurement contracts and work on source reduction in several categories, including disposables and packaging materials.

The website URL where information about the institution's waste reduction initiatives is available :

http://sustainability.ucdavis.edu/progress/waste_reduction/index.html

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution diverts materials from the landfill or incinerator by recycling, composting, reusing, donating, or re-selling.

This credit does not include construction, demolition, electronic, hazardous, special (e.g. coal ash), universal and non-regulated chemical waste, which are covered in *OP Credit 19: Construction and Demolition Waste Diversion*, *OP Credit 20: Electronic Waste Recycling Program*, and *OP Credit 21: Hazardous Materials Management*.

Submission Note:

UC Davis has a fairly robust waste reduction and recycling program, including the nation's first zero waste stadium, and a major organics and food waste diversion program. The campus focus on reducing waste can be traced back to at least 1975, when Bargain Barn opened in an effort to more responsibly dispose of surplus equipment, furniture and supplies.

"---" indicates that no data was submitted for this field

Materials recycled, composted, reused, donated, re-sold, or otherwise diverted :

12205 Tons

Materials disposed in a solid waste landfill or incinerator :

7667 Tons

A brief description of programs, policies, infrastructure investments, outreach efforts, and/or other factors that contributed to the diversion rate :

UC Davis has a recycling program in place for campus students, staff and faculty to properly recycle their materials. We divert a variety of materials on campus. Some programs include the Athletics' zero waste program, office clean-out, organics composting, and zero waste events.

The University of California has a goal of zero waste by 2020, and 75% by June 30, 2012. The UC Policy indicates that waste disposal should be prioritized in the following order: reduction, reuse, recycling and composting. The campus policy has several waste management requirements, including the presence of recycling bins in campus buildings. Therefore, buildings on campus all have recycling and landfill bins available. Bins should also have signage and labeling to assist in disposal.

Zero Waste is emphasized during presentations provided for departments about the campus recycling program. Presentations are provided to train and educate campus individuals about recycling, and composting when applicable. Zero Waste is also promoted during large

events, such as sports events and campus open house. Large events provide a great opportunity to highlight campus efforts to reduce and recycle waste.

Construction and Demolition Waste Diversion

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution diverts non-hazardous construction and demolition waste from the landfill and/or incinerator.

Soil and organic debris from excavating or clearing the site do not count for this credit.

Submission Note:

"---" indicates that no data was submitted for this field

Amount of construction and demolition materials recycled, donated, or otherwise recovered :

1532 Tons

Amount of construction and demolition materials landfilled or incinerated :

489 Tons

A brief description of programs, policies, infrastructure investments, outreach efforts, and/or other factors that contribute to the diversion rate for construction and demolition waste :

Contractors are required to divert a certain amount of waste from the landfill in construction and demolition projects either by campus diversion requirements or LEED for new construction requirements. Each project has a stated diversion goal. In some construction projects, educational training will be provided for the construction staff by Waste Reduction & Recycling staff on diversion opportunities.

Waste Reduction & Recycling student staff monitor the recycling efforts of some construction sites on a regular basis. The student will assess the recycling efforts at the site for construction materials generated during the construction process. Appropriate recycling resources are also provided (roll-offs, trailers, dumpsters, etc.) at the construction site for proper disposal.

Tonnage data from January 1, 2011-December 31, 2011. All measurements are rounded to the nearest integer.

C&D diversion data is recorded as we receive the diversion reports. It is possible that not all diversion data is reflected in the numbers above.

Electronic Waste Recycling Program

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Part 1

Institution has a program in place to recycle, reuse, and/or refurbish all electronic waste generated by the institution. Institution takes measures to ensure that the electronic waste is recycled responsibly.

Part 2

Institution has a program in place to recycle, reuse, and/or refurbish electronic waste generated by students. Institution takes measures to ensure that the electronic waste is recycled responsibly.

"---" indicates that no data was submitted for this field

Does the institution have a program in place to recycle, reuse, and/or refurbish all electronic waste generated by the institution and take measures to ensure that the electronic waste is recycled responsibly? :

Yes

Does the institution have a program in place to recycle, reuse, and/or refurbish electronic waste generated by students and take measures to ensure that the electronic waste is recycled responsibly? :

Yes

A brief description of steps taken to ensure that e-waste is recycled responsibly, workers' basic safety is protected, and environmental standards are met :

UC Davis has a program in place for electronic waste recycling, reuse and refurbishment. The current vendor (California Electronics Asset Recovery, CEAR) used to recycling the materials is contracted for E-steward certification. The E-stewards program certifies that the recycler adheres to environmental responsibility and worker's protection.

Departments and offices on campus are able to utilize the campus surplus equipment unit, Bargain Barn, to recycle or resell their electronics that are no longer needed. The Bargain Barn will track and recycle/resell the material depending on the value of it at the time of disposal.

Small electronics can be recycled through the campus multi-bin program. The multi-bin is a recycling unit in multiple centralized locations on campus. The units accept batteries, compact disc, floppy discs, small electronics, and inkjet cartridges.

A brief description of the electronic waste recycling program for institution-generated materials :

Students on campus are able to use the multi-bins located at approximately ten locations on campus to dispose of their electronic waste. Due to size restraints, the electronic waste that a user would like to recycle does not always fit into a multi-bin. Therefore, large electronic waste is handled on a per request basis.

The multi-bins on campus are located in areas in which student traffic is high, such as the student union or the campus library. Students are free to drop off materials to the bins at their leisure and the bins are serviced by the student staff of the campus recycling program.

A brief description of the electronic waste recycling program for student-generated materials :

E-waste from student generated materials are collected by the campus recycling program's student employees. All employees, when carrying out operational duties, are required to be dressed appropriately. The dress code typically entails closed toed shoes, gloves and appropriate attire. These materials are then transported to the Bargain Barn where a majority of campus electronic waste is accumulated to be then picked up by CEAR, which is an electronic waste recycler contracted for E-steward certification.

Further information can be found at:

<http://bargainbarn.ucdavis.edu/>

The website URL where information about the e-waste recycling program is available :

<http://sustainability.ucdavis.edu/action/recycle/index.html>

Hazardous Waste Management

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution has strategies in place to safely dispose of all hazardous, special (e.g. coal ash), universal, and non-regulated chemical waste and seeks to minimize the presence of these materials on campus.

"---" indicates that no data was submitted for this field

Does the institution have strategies in place to safely dispose of all hazardous, special (e.g. coal ash), universal, and non-regulated chemical waste and seek to minimize the presence of these materials on campus? :

Yes

A brief description of steps taken to reduce hazardous, special (e.g. coal ash), universal, and non-regulated chemical waste :

EH&S has provided waste minimization training in e-learning and instructor-led formats for more than a decade. EH&S aggressively researches new techniques and waste treatment products to decrease the volume of hazardous wastes managed at UC Davis. Only last month a treatment method for Glutaraldehyde was approved for campus use.

A brief description of how the institution safely disposes of hazardous, universal, and non-regulated chemical waste :

All applicable Federal and State laws are followed in the management of hazardous wastes. Additionally UC Davis is an active participant in a UC systemwide group that evaluates disposal facilities used for UC Davis's wastestreams. The group reviews the detailed reports for each facility and votes as a group whether or not to approve shipments to each facility. Facilities are reviewed on a 3 year basis.

The website URL where information about hazardous materials management is available :

<http://safetyservices.ucdavis.edu/>

Materials Exchange

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a surplus department or formal office supplies exchange program that facilitates reuse of materials? :

Yes

A brief description of the program :

Bargain Barn offers free surplus office supplies to campus departments and is the unit responsible for selling university surplus equipment and supplies.

The website URL where information about the program is available :

<http://bargainbarn.ucdavis.edu/>

Limiting Printing

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Submission Note:

Further information can be found at:

<http://housing.ucdavis.edu/computers/printingservice.asp>

"---" indicates that no data was submitted for this field

Does the institution limit free printing for students in all computer labs and libraries? :

Yes

A brief description of how printing is limited :

Computer classrooms, open access labs, and media facilities are supported by Information and Educational Technology Computer Lab Management. At these facilities, UC Davis users (faculty, staff, and students) will accrue charges of 11 cents per sheet for every sheet they print regardless if the printing is single-sided or double-sided. Sheets printed via Wireless Printing are counted on the same quota as normal printing within the IET computer rooms. If an individual prints 30 or fewer sheets per quarter, the charges will be waived as it is not efficient for the department to issue invoices for such small print quantities. Color prints cost \$1.00 per page. As student fees do not support student computing nor do they support printing, printing is entirely funded by the fees. The printing fees also fund a portion of the open-access computer labs since they are primarily used for printing.

For students living in the residence halls, Student Housing provides 250 pages “free” printing each quarter through the Computer Centers in the residence hall areas. While “free”, in actuality this is paid for through regular Housing fees paid each quarter. The department set that level of printing as a responsible level that meets the needs of the vast majority of residents with consideration for sustainability and conservation of resources.

The website URL where information about the program, policy, or practice is available :

<http://clm.ucdavis.edu/rooms/printing/printingpoliciesfaq.html>

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Submission Note:

"---" indicates that no data was submitted for this field

Is the institution's default not to print course catalogs, course schedules, and directories, but instead make these materials available online? :

Yes

A brief description of the practice :

UC Davis eliminated a printed paper phone directory with the last printing in 2008-09. The directory is now available solely online. Starting in Fall 2012, the Registration Guide will be available only online. The course catalog and schedule, together with a robust search tool, are available online. The "UCD Buy" online purchasing system allows for product search and order placement. Human Resources posts job offerings online and requests applicants apply through the online job application tool. Pay statements are now provided in electronic format on the central UC benefits website, and not provided in paper format, unless the Online Earnings Statement Exception Form is filled out by the requesting employee. The campus map is available online, and departments requesting printed maps must pay for them.

Further information can be found at:

[http://vpriet.ucdavis.edu/departmentlistings/;](http://vpriet.ucdavis.edu/departmentlistings/)

<http://technews.ucdavis.edu/news2.cfm?id=1773>

<http://registrar.ucdavis.edu/csrg/>

<http://purchasing.ucdavis.edu/methods/ucdbuy.cfm>

https://www.employment.ucdavis.edu/applicants/jsp/shared/Welcome_css.jsp;

<http://www.hr.ucdavis.edu/padmin/applicant/faqs>;

<http://www.ucdmc.ucdavis.edu/hr/jobs/apply/index.html>

http://accounting.ucdavis.edu/Forms/PR_EarningsStatement.pdf

The website URL where information about the practice is available :

<http://directory.ucdavis.edu/index.html>

Chemical Reuse Inventory

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Has the institution implemented a campus-wide inventory system to facilitate the reuse of laboratory chemicals? :

Yes

A brief description of the program :

This chemical inventory system (CIS) has been in place for many years. The addition of a means to share chemicals was added to the program in the last few months. This functionality has already been developed, tested and will be implemented campus-wide by July 1, 2012.

Limited information about each chemical will be available to a selected group of educational institutions within a given radius of the UC Davis campus. Over the last several years, the off-campus chemical sharing system has been a great benefit to schools in the local area.

The website URL where information about the practice is available :

Move-In Waste Reduction

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a program to reduce residence hall move-in waste? :

Yes

A brief description of the program :

Student Housing operates the Resource Recovery Drive, which takes place in several locations near the residence halls during move-in weekend, so items such as cardboard and polystyrene (“styrofoam”) can be recycled. In 2011, the two day drive achieved a 61% recycling rate (by volume) and collected approximately 11,000 pounds of cardboard.

The website URL where information about the program is available :

http://housing.ucdavis.edu/sustainability/resource_recovery_drive_fall.asp

Move-Out Waste Reduction

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a program to reduce residence hall move-out waste? :

Yes

A brief description of the program :

Spring Cleaning is a program that has the goal of collecting unwanted but reusable items to be donated to different organizations. Spring Cleaning takes place in the residence halls during the week before the halls close for the year, so students - as they prepare to move out - may identify clothing, electronics, and other items that they no longer need or want and turn them in so they will continue to be used by others. In 2011, a total of 10,740 pounds of materials were donated by students and then given to local organizations. The Food Bank of Yolo County received 2,411 pounds of non-perishables and Goodwill received 8,329 pounds of clothing, linens, electronics and other items.

The website URL where information about the program is available :

<http://housing.ucdavis.edu/sustainability/springcleaning.asp>

Water

This subcategory seeks to recognize institutions that are conserving water and making efforts to protect water quality. Pumping, delivering, and treating water is a major energy user, so institutions can help reduce energy consumption and the greenhouse gas emissions associated with energy generation by conserving water. Likewise, conservation and effective stormwater management are important in maintaining and protecting finite groundwater supplies. Water conservation and effective stormwater management also reduce the need for effluent discharge into local surface water supplies, which helps improve the health of local water ecosystems.

Credit
Water Consumption
Stormwater Management
Waterless Urinals
Building Water Metering
Non-Potable Water Usage
Xeriscaping
Weather-Informed Irrigation

Water Consumption

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution has reduced its total water consumption per weighted campus user compared to a 2005 baseline.

Total water consumption includes both potable and non-potable water.

"---" indicates that no data was submitted for this field

Water consumption, 2005 baseline year :

1103845000 Gallons

Water consumption, performance year :

984119000 Gallons

List the start and end dates of the water consumption performance year :

July 2010 - June 2011

On-campus residents, 2005 :

4916

Non-residential/commuter full-time students, faculty, and staff members, 2005 :

35723

Non-residential/commuter part-time students, faculty, and staff members, 2005 :

14663

On-campus residents, performance year :

5230

Non-residential/commuter full-time students, faculty, and staff members, performance year :

41619

Non-residential/commuter part-time students, faculty, and staff members, performance year :

Time period for weighted campus user (list the consecutive 12 month period that most closely overlaps with water consumption performance year) :

Fall 2011

Indication of whether institution has a stated commitment to water use reduction goals :

Yes

A brief description of the plan of action to achieve water use reduction goals :

UC Davis has made a commitment to reduce per capita water consumption, relative to a baseline 3-year period. Despite significant growth, total campus water demands have dropped over 15% since the period of peak use in FY06-07. Many initial goals have already been achieved through implementation of best practices and several targeted water/energy projects. UC Davis is developing a Water Action Plan to outline future goals and plans for additional reductions.

More information can be found at:

<http://campus-care.ucdavis.edu/utilities/documents/RO.pdf>

The website URL where information about the institution's water conservation initiatives is available :

<http://sustainability.ucdavis.edu/progress/water/index.html>

Stormwater Management

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Part 1

Institution has adopted a stormwater management policy, plan, and/or strategies that mitigate the stormwater runoff impacts of new construction, major renovation, and other projects that increase paved surface area on campus or otherwise significantly change the campus grounds.

The policy, plan, and/or strategies address both the quantity and quality (or contamination level) of stormwater runoff.

The policy, plan, and/or strategies cover the entire campus. While the specific strategies or practices adopted may vary depending on project type and location, this credit is reserved for institutions that mitigate stormwater runoff impacts consistently during new construction. Implementing a strategy or strategies for only one new development project is not sufficient for this credit.

Policies adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution has adopted a stormwater management policy, plan, or strategies that mitigate the stormwater runoff impacts of ongoing campus operations.

The policy, plan, or strategies address both the quantity and quality (or contamination level) of stormwater runoff.

Though specific practices adopted may vary across the campus, the policy, plan, and/or strategies cover the entire institution. Implementing strategies for only one building or area of campus is not sufficient for this credit.

Submission Note:

"---" indicates that no data was submitted for this field

Does the institution have a policy, plan, and/or strategies to reduce stormwater runoff from new development projects? :

Yes

Does the institution have a policy, plan, and/or strategies to reduce stormwater runoff from ongoing campus operations? :

Yes

A brief description of the institution's stormwater management initiatives :

Since the early 1990's the campus has employed various storm water controls to reduce pollutants from discharging into the campus storm water conveyance system.

The campus Storm Water Management Plan (SWMP) includes a number of construction and post-construction controls including permanent structural and non-structural Best Management Practices (BMPs) for storm water runoff to prevent and minimize water quality impacts from new development and significant redevelopment projects. A significant redevelopment project is one where the impervious area after construction is larger than the pre-construction impervious area.

The campus implements long-term post-construction BMPs using design measures and storm water controls to replicate the pre-project runoff water balance (defined as the amount of rainfall that ends up as runoff) for the smallest storm up to the 85th percentile storm event, or the smallest storm event that generates runoff, whichever is larger. Post-construction programs are most effective when they stress (i) low impact development (LID); (ii) source controls; and (iii) treatment controls.

The UC Davis campus continues to evaluate post-construction Best Management Practices (BMPs) requirements to reduce storm water runoff from campus new development and redevelopment projects. These post –construction BMPs are now being incorporated into the design phase process of campus construction projects.

To ensure continued compliance with regulatory agencies, the Office of Environmental Health & Safety routinely tracks new and emerging storm water regulations and incorporates these new requirements into various campus operations.

The website URL where information about the institution's stormwater management initiatives, plan or policy is available :

<http://safetyservices.ucdavis.edu/programs-and-services/environmental-compliance/water-1/water>

Does the institution have a living or vegetated roof? :

Yes

A brief description of the institution's living or vegetated roof :

The Segundo Services Center and the Student Health and Wellness Center both have roof sections that are vegetated. These are visible from other floors to also provide an educational opportunity.

Does the institution have porous paving? :

Yes

A brief description of the institution's porous paving :

There is permeable paving in front of the Student Community Center, and there are vegetated open-cell paving blocks at King Hall School of Law.

Does the institution have retention ponds? :

Yes

A brief description of the institution's retention ponds :

The Arboretum Waterway serves as a nearly 2-mile long retention/detention pond for storm water and run off.

Does the institution have stone swales? :

Yes

A brief description of the institution's stone swales :

Stone swales are used in a number of places on the Davis campus. Some examples include: Along Hutchison Drive, between Highway 113 and La Rue Boulevard, along the eastern perimeter of the Aggie Stadium site, and along the Student Community Center.

Does the institution have vegetated swales? :

Yes

A brief description of the institution's vegetated swales :

The campus has numerous vegetated swales, including a very large swale at the Hopkins Service Center, which allowed the campus to avoid up-sizing the storm drain system.

Does the institution employ any other technologies or strategies for stormwater management? :

Yes

A brief description of other technologies or strategies for stormwater management employed :

The campus uses "rain gardens" or vegetated areas that slow and allow percolation of rain water. Examples of these can be found at King Hall School of Law and Valley Hall.

Waterless Urinals

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Submission Note:

There is an operational cost to waterless urinals that may outweigh the sustainability benefits of reduced water consumption, such as costs associated with cleaning time, cleaning chemicals, and replacement cartridges. Additionally, the existing plumbing in some buildings prevents the installation of waterless urinals.

"---" indicates that no data was submitted for this field

Does the institution use at least one waterless urinal? :

Yes

A brief description of the technology employed :

Nine waterless urinals have been installed in Valley Hall and Earth & Physical Sciences.

The website URL where information about the technology is available :

Building Water Metering

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have building-level water consumption meters for at least one building? :

Yes

A brief description of the water metering employed :

Approximately 150 building-level water meters are installed and read at UC Davis.

Student Housing manages about 1.5 million gross square feet of building space, which includes more than 80 individual buildings. In 2010, Student Housing formalized a metering standard to ensure at least 35 existing buildings (buildings that are expected to be in the inventory for at least the next ten years) and any new construction projects have building-level meters for each utility. As of 2012, the majority of the residence halls and dining facilities have at least one utility metered at each building. Some language from the standard:

Where possible and applicable, the following items will be monitored on a building level: Total domestic water consumption, domestic cold water consumption, domestic hot water consumption, BTU consumption for the production of domestic hot water, BTU consumption for the production of heating hot water, chilled water BTU consumption, total steam consumption, fluid cooler and cooling tower water consumption, total electrical consumption, total natural gas consumption.

The percentage of building space with water metering :

40

The website URL where information about the practice is available :

Non-Potable Water Usage

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution use non-potable water (e.g., harvested rainwater or graywater) for irrigation and/or other applications? :

Yes

A brief description of the source of non-potable water and how it is used :

The campus has a dedicated non-potable water system used for landscape irrigation on the central campus. This system pumps lower-quality shallow groundwater for supply. This system decreases demand on the higher-quality potable water supply. Additionally, the campus wastewater treatment plant produces reclaimed water that can be used without restrictions for irrigation. The reclaimed water is used for landscape irrigation in the wastewater treatment plant district. Lastly, a rainwater harvesting system is in place at the Robert Mondavi Institute for Food and Wine. The system has 4 tanks with a storage capacity of 176,000 gallons. The water is used for non-potable uses within the building (e.g., toilet flushing).

Tertiary-treated wastewater from the on-campus wastewater treatment plant is used for irrigation of landscaping at the treatment plant. This is a pilot project to learn how the landscape performs with the tertiary-treated water.

The percentage of irrigation water usage from recovered, reclaimed or untreated sources :

95

The percentage of building space using water from recovered, reclaimed or untreated sources :

1

The percentage of water used in utility plants from recovered, reclaimed or untreated sources :

1

The website URL where information about the program, policy, or practice is available :

<http://goodlifegarden.ucdavis.edu/blog/tag/irrigation/>

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution use xeriscape landscaping techniques, including the selection of drought tolerant plants? :

Yes

A brief description of the program or practice :

Yes, UC Davis uses xeriscape landscaping techniques, including the selection of drought tolerant plants where possible throughout the campus. The use of drought tolerant plants is particularly emphasized in new landscapes developed as part of new road or building construction projects. When existing landscapes must be modified the decision to utilize drought tolerant plants depends on the surrounding context and budget constraints.

The campus has also recently completed a Landscape Management Plan which functions as a tool for evaluating existing campus landscapes and identifying those that are suitable for conversion, typically to xeriscape, because the maintenance levels and water required to retain those landscapes is out of balance with the use or purpose of the landscape. This effort is being spearheaded by the Public Garden Pilot Project Team composed of campus staff from the Arboretum, Campus Planning and Landscape Architecture, Grounds, the Riparian Reserve, and Civil and Industrial Services.

The UC Davis Arboretum also has a very well-developed sustainable horticulture program with a significant community outreach component (Arboretum All-Stars) whose main purpose is to promote "valley-wise" gardening - which is the use of plants that are climate appropriate for the Sacramento Valley. Where possible, plants from the Arboretum's "All-Stars" list are specified in planting plans for campus projects designed in-house, and consultants are encouraged by campus staff to consider selecting plants from this palette as well in their design work.

Further information can be found at:

<http://campus-care.ucdavis.edu/grounds/about.shtml>

The website URL where information about the program or practice is available :

<http://arboretum.ucdavis.edu/gardening.aspx>

Weather-Informed Irrigation

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Submission Note:

UC Davis continually strives to improve effectiveness of campus irrigation, and has greatly reduced run-off and over-watering practices since installing smart controllers that use weather data and . Campus landscape management staff provide specifications for efficient irrigation on all new facilities and landscape improvements, have written guidelines for reducing water consumption for irrigation, work in conjunction with faculty and researchers on pilot projects and programs for effective and efficient landscape management, including irrigation practices, and are looked as upon a resource for other cities and universities in best practices for irrigation management.

"---" indicates that no data was submitted for this field

Does the institution use weather data or weather sensors to automatically adjust irrigation practices? :

Yes

A brief description of how weather data or sensors are used :

The campus uses a Rainmaster II weather station, which uses sensors to record data and produces an evapotranspiration factor daily. Irrigation run times are adjusted automatically by the central irrigation computer. There is also a rain gauge that will shut off the system when a certain threshold of precipitation is reached in a specified time. It is a state-of-the-industry system, used on the Davis campus. The campus is one of the largest operators of this system on the West Coast, and the irrigation staff are trained professionals who are members in an irrigation association that encourages education and certification for irrigation professionals.

Further information can be found at:

http://rainmaster.com/dx2_prod_lit.htm

http://rainmaster.com/central_sys_prod_lit.htm

The website URL where information about the practice is available :

http://rainmaster.com/wthr_cntr2_prod_lit.htm

Planning, Administration & Engagement

Coordination and Planning

This subcategory seeks to recognize colleges and universities that are institutionalizing sustainability by dedicating resources to sustainability coordination, incorporating sustainability into their primary campus plans, and developing plans to move towards sustainability. Staff and other resources help an institution organize, implement, and publicize sustainability initiatives. These resources provide the infrastructure that fosters sustainability within an institution. Strategic and physical campus plans guide an institution and its physical development. These important documents establish an institution's priorities and influence budgeting and decision making. Incorporating sustainability into these plans is an important step in making sustainability a campus priority and may help advocates implement sustainable changes. Sustainability plans and climate plans provide a road map for how to achieve sustainability goals.

Credit
Sustainability Coordination
Strategic Plan
Physical Campus Plan
Sustainability Plan
Climate Action Plan

Sustainability Coordination

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution has a sustainability committee, office, and/or coordinator that are tasked by the administration or board of trustees to advise on and implement policies and programs related to sustainability on campus.

The committee, office, and/or coordinator focus on sustainability broadly (i.e. not just one sustainability issue, such as climate change) and cover the entire institution. A committee, office, or coordinator that focuses on just one department or school within the institution does not count for this credit.

Submission Note:

While the campus does not have an overarching sustainability committee, it has several topically focused committees, including ones that address sustainable food systems, integrated waste management and zero waste planning, the smart lighting initiative, and long-term heating and cooling system planning.

"---" indicates that no data was submitted for this field

Does the institution have a sustainability committee? :

No

The charter or mission statement of the committee or a brief description of the committee's purview and activities :

n/a

Members of the committee, including affiliations :

n/a

The website URL where information about the sustainability committee is available :

Does the institution have a sustainability office? :

Yes

A brief description of the sustainability office :

The Office of Environmental Stewardship and Sustainability (ESS) was created in 2008, as part of a commitment to making sustainability an integral and strategic aspect of UC Davis' future.

ESS develops, leads and coordinates sustainability efforts throughout the UC Davis campus. Staff members create strategies and plans to improve campus operations, work to implement the UC Office of the President's sustainability policy, establish sustainability metrics for UC Davis, and inspire the community to work toward a sustainable future.

The office also participates in the planning and design of campus development projects, reviews the environmental impacts of these projects, formulates mitigation measures for potential impacts and oversees an ongoing mitigation monitoring program.

The office includes the Waste Reduction and Recycling program, which has a lead role in helping promote, coordinate and report recycling and other waste reduction efforts on campus aimed at reaching the University of California goal of zero waste by 2020.

The number of people employed in the sustainability office :

5

The website URL where information about the sustainability office is available :

<http://sustainability.ucdavis.edu/about/index.html>

Does the institution have a sustainability coordinator? :

Yes

Sustainability coordinator's name :

Sid England

Sustainability coordinator's position title :

Assistant Vice Chancellor of Environmental Stewardship and Sustainability

A brief description of the sustainability coordinator's position :

Dr. Sid England directs the ESS group. Among many leadership efforts, Dr. England is involved with making UC Davis West Village a zero net energy community, addressing regional water supply and management matters and coordinating campus energy efficiency initiatives. He has also served on the city of Davis' Climate Action Team.

The website URL where information about the sustainability coordinator is available :

<http://sustainability.ucdavis.edu/about/index.html>

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution's current, formally adopted strategic plan or equivalent guiding document includes sustainability at a high level. The plan covers the entire institution.

An amendment to the strategic plan may count for this credit, as long as the institution always presents the amendment with the original plan.

Neither a physical campus plan (which is covered in *PAE Credit 3: Physical Campus Plan*) nor an independent sustainability plan (which is covered in *PAE Credit 5: Sustainability Plan*) counts for this credit.

Submission Note:

UC Davis Chancellor Linda Katehi led the campus effort to develop the "Vision of Excellence." Two of the six core strategic goals in this vision framework are: "Nurture a Sustainable Future and Propel Economic Vitality" and "Champion Health, Education, Access and Opportunity."

"---" indicates that no data was submitted for this field

Year the strategic plan or equivalent was completed or adopted :

2010

Does the institution's strategic plan or equivalent guiding document include the environmental dimensions of sustainability at a high level? :

Yes

A brief description of how the strategic plan or amendment addresses the environmental dimensions of sustainability :

The Vision of Excellence, a guiding strategic plan for UC Davis, specifies as one core goal that the institution, "Nurture a Sustainable Future and Propel Economic Vitality." The plan delineates one form of meeting this goal as:

"Emphasize sustainability, in all its many forms and interpretations, as a leading feature of our campus identity and as found across all disciplines; leverage our academic strengths in these areas to advance the scholarly reputation of the campus and encourage the creation and application of ideas to address the pressing needs of an interdependent, global society."

Does the institution's strategic plan or equivalent guiding document include the social dimensions of sustainability at a high level? :

Yes

A brief description of how the strategic plan or amendment addresses the social dimensions of sustainability :

The Vision of Excellence, a guiding strategic plan for UC Davis, specifies as one core goal that the institution, "Champion Health, Education, Access and Opportunity" and specifies that, "Guided by its commitments to social responsibility and community engagement, UC Davis will support and sustain healthy, equitable communities, in which all will have access to the benefits of education and discovery."

Does the institution's strategic plan or equivalent guiding document include the economic dimensions of sustainability at a high level? :

Yes

A brief description of how the strategic plan or amendment addresses the economic dimensions of sustainability :

The Vision of Excellence, a guiding strategic plan for UC Davis, specifies as one core goal that the institution, "Nurture a Sustainable Future and Propel Economic Vitality" and sets a goal that, "UC Davis will be the pre-eminent university partner in advancing the economic prosperity of our region, fostering the burgeoning life-science, agricultural and "clean energy" industries of California, and in investigating and sharing socially, politically, economically and environmentally relevant solutions to global problems."

The website URL where information about the strategic plan is available :

<http://vision.ucdavis.edu/index.html>

Physical Campus Plan

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution's current plan for its physical campus (commonly referred to as the campus master plan) includes sustainability at a high level.

An amendment to the plan may count for this credit, as long as the institution always presents the amendment with the original plan.

Neither a strategic plan (which is covered in *PAE Credit 2: Strategic Plan*) nor an independent sustainability plan (which is covered in *PAE Credit 4: Sustainability Plan*) counts for this credit.

Plans developed at the system level are eligible for this credit. Likewise, multiple plans which together cover the institution's entire physical campus are eligible for this credit.

Submission Note:

"---" indicates that no data was submitted for this field

Does the institution's physical campus plan include sustainability at a high level? :

Yes

A brief description of how the physical campus plan or amendment includes sustainability :

Sustainability is one of the key principles in the 2003 Long Range Development Plan, a campus land use and development plan; and sustainability is one of three core organizing principles in the 2009 Physical Design Framework, a campus physical master plan.

Long Range Development Plan: (

<http://sustainability.ucdavis.edu/progress/commitment/planning/lrdp.html>

)

Physical Design Framework: (

<http://dcm.ucdavis.edu/PhysicalDesignFramework/index.htm>

)

The year the physical campus plan was developed or adopted :

2003

The website URL where the physical campus plan is available :

<http://sustainability.ucdavis.edu/progress/commitment/planning/lrdp.html>

Sustainability Plan

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution has a sustainability plan that was developed with input from faculty, staff, and students. The plan includes measurable goals with corresponding strategies and timeframes to achieve the goals. The plan need not be formally adopted.

The plan covers multiple sustainability topics and issues. Plans focused exclusively on climate change, which are covered by *PAE Credit 5: Climate Plan*, are not eligible for this credit.

Strategic or master plans that cover sustainability may count for this credit if they meet the other criteria outlined above.

"---" indicates that no data was submitted for this field

Does the institution have a sustainability plan that meets the criteria for this credit? :

Yes

A brief description of how multiple stakeholder groups were involved in developing the plan :

A cross-campus, multi-unit and multi-disciplinary staff, faculty and student Vice Chancellor Sustainability Advisory Committee worked in subcommittees and in full committee to develop the UC Davis Blueprint for a Green Future.

A brief description of the plan's measurable goals :

A number of goals were articulated in the plan, some were immediate or medium-term goals, and others were much longer-term. Goals spanned across campus planning and transportation, education and outreach, energy and atmosphere, green buildings, and materiel management. Most of the immediate goals and recommendations have been met; only a few are still underway.

A brief description of how progress in meeting the plan's goals is measured :

Following a major reorganization of several administrative and planning units on campus, the Vice Chancellor Sustainability Advisory Committee was dissolved, and the office of Environmental Stewardship and Sustainability was created. The office has assumed some of the plan's goals and articulated new ones as new opportunities, new regulations and new policies have arisen.

The website URL where more information about the sustainability plan is available :

http://sustainability.ucdavis.edu/local_resources/docs/blueprint_for_green_future_pdf

The year the plan was developed or last updated :

2006

Climate Action Plan

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution has a formal plan to mitigate its greenhouse gas emissions. The plan includes a measurable, numerical goal or goals and a corresponding date or dates by which the institution aims to achieve its goal(s). The plan has been adopted by the institution's administration.

A formal sustainability plan (i.e. a plan that has been adopted by the administration) counts for this credit if it includes climate change goals, strategies, and corresponding timeframes. Such a plan may also count toward *PAE Credit 4: Sustainability Plan*.

Submission Note:

There are multiple target years included in its GHG emissions: 2014, 2020, and 2050.

UC Davis is already meeting a policy requirement target for 2014 of reducing greenhouse gas emissions to 2000 levels. UC Davis has reduced total annual GHG emissions since 2000. In 2000, GHG emissions totaled 245,800 MTCO_{2e}. In 2009, GHG emissions totaled 234,800 MTCO_{2e}, a 4.5% decline. This decline is due to several factors: 1) the purchased electricity supply has included more renewable energy sourcing since 2000; 2) the campus has devoted significant effort towards energy conservation retrofits and recommissioning; 3) the campus has been able to reduce the amount of natural gas burned in a cogeneration plant.

"---" indicates that no data was submitted for this field

Does the institution have a plan to mitigate its greenhouse gas emissions that meets the criteria for this credit? :

Yes

A brief summary of the climate plan's long-term goals :

The UC Davis 2009-2010 Climate Action Plan, in accordance with the UC Sustainable Practices Policy, calls for reduction of greenhouse gas emissions to 1990 levels by 2020 and achieving climate neutrality as soon as feasible. 1990 levels are estimated to be approximately 142,200 MTCO_{2e} from operations and 44,400 MTCO_{2e} from commuting and business travel. UC Davis articulated a target year for neutrality of 2050 in the January 2012 ACUPCC Progress Report.

A brief summary of the climate plan's short-term goals :

UC Davis is already meeting the UC Sustainable Practices Policy goal of reducing greenhouse gas emissions to 2000 levels by 2014. 2000 levels are estimated to be approximately 245,800 MTCO_{2e} from operations and 48,800 MTCO_{2e} from commuting and business travel. The UC Davis 2009-2010 Climate Action Plan articulates a 2014 challenge goal of 210,000 MTCO_{2e}.

Year the climate plan was formally adopted or approved :

2010

An indication of whether institution has made a commitment to reduce GHG emissions a specific amount by a target year :

Yes

List which emissions (scope 1, 2, and/or 3) are included in its GHG emissions commitment :

Scopes 1, 2 and 3

The reduction level (percentage) institution has committed to :

To meet the 2014 challenge goal target, the reduction percentage from 2008 emissions is about 12 percent for operations emissions. To meet the 2020 target, the reduction percentage from 2008 emissions is about 45 percent for operations emissions.

The baseline year the institution used in its GHG emissions commitment :

Jan. 1, 2008

The baseline emissions level institution used in its GHG emissions commitment :

Approximately 239,000 MT CO₂e for operations and approximately 59,000 MTCO₂e for commuting and business travel.

The target year the institution specified in its GHG emissions commitment :

Jan. 1, 2014

The website URL where information about the climate plan is available :

http://sustainability.ucdavis.edu/local_resources/docs/climate_action_plan_pdf

Diversity and Affordability

This subcategory seeks to recognize institutions that are working to advance diversity and affordability on campus. In order to build a sustainable society, diverse groups will need to be able to come together and work collaboratively to address sustainability challenges. People of color and low-income communities tend to suffer disproportionate exposure to environmental problems. This environmental injustice happens as a result of unequal and segregated communities. To achieve environmental and social justice, society must work to address discrimination and promote equality. The historical legacy and persistence of discrimination based on racial, gender, religious, and other differences makes a proactive approach to promoting a culture of inclusiveness an important component of creating an equitable society. Higher education opens doors to opportunities that can help create a more equitable world, and those doors must be open through affordable programs accessible to all regardless of race, gender, religion, socio-economic status and other differences. In addition, a diverse student body, faculty, and staff provide rich resources for learning and collaboration.

Credit
Diversity and Equity Coordination
Measuring Campus Diversity Culture
Support Programs for Underrepresented Groups
Support Programs for Future Faculty
Affordability and Access Programs
Gender Neutral Housing
Employee Training Opportunities
Student Training Opportunities

Diversity and Equity Coordination

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution has a diversity and equity committee, office, and/or coordinator that are tasked by the administration or board of trustees to advise on and implement policies, programs, and trainings related to diversity and equity on campus.

"---" indicates that no data was submitted for this field

Does the institution have a diversity and equity committee? :

Yes

The charter or mission statement of the committee or a brief description of the committee's purview and activities :

The Campus Council on Community and Diversity is an advisory body to the Chancellor and the Provost and Executive Vice Chancellor. The overarching responsibility for the Council is to provide both campus leaders and the campus community with advice concerning ways to strengthen and maintain the bonds of community at UC Davis. In particular, the charge includes providing advice on:

Actions required to ensure that students, faculty, staff and administration better reflect the richness of California's ethnic and cultural diversity.

Strategies to ensure that the environment of UC Davis is welcoming and inclusive of the cultural differences and knowledge bases of all Californians and, indeed, of all people of the world

Provide consultation on discrimination issues and work with staff to resolve discrimination complaints.

Design and deliver training workshops, presentations, courses and other educational activities that enhances further understanding of the multicultural nature of the campus community.

Coordinate campus diversity committees and direct them in planning diversity events for the campus.

Members of the committee, including job titles and affiliations :

Sheri Atkinson Director; Lesbian, Gay, Bisexual, Transgender Resource Center (LGBTRC)

Steven Baissa Director; Cross Cultural Center

Desire Campusano Student Assistant to the Chancellor; Student Affairs

Matt Carmichael Chief of Police; UC Davis Police Department

Jordan Carroll GSA Representative; English
Kayton Carter Ex-officio, SAO Learning Studies; African American Studies
Griselda Castro Ex-Officio Member and Assistant Vice Chancellor; Student Affairs
Lisceth Cruz Graduate Student Assistant to the Dean and Chancellor; Graduate Studies
Lynette de los Santos Chair-UCDHS SWADAC: Manager: UCDHS Non-Invasive Cardiology Manager
Jeff Gibeling Dean; Graduate Studies
Vickie Gomez Staff Assembly Representative and Diversity Program Coordinator; Campus Community Relations
Christina Gonzalez Professor; Spanish Department

Ralph Hexter Provost and Executive Vice Chancellor; Offices of the Chancellor & Provost
Linda Katehi Chair-CCC&D and Chancellor; Office of the Chancellor
Mari Knuth-Bouracee Assistant Director, Women's Resources and Research Center (WRRC)
Winston Ko Dean; Mathematical & Physical Sciences
Debra Kronenberg Co-chair-SWADAC, School of Medicine
Judith LaDeaux Ex-officio, SAO; Native American Studies
Darin Latimore Assistant Dean; Student and Resident Diversity; SOM: Office of Diversity
Alma Martinez Ex-Officio; Coordinator, Student Affairs; Chicana/o Studies
Tammy McNiff ADMAN Representative and Program Director, Campus Community Engagement; Campus Community Relations
Jann Murray-Garcia Chair; Blacks for Effective Community Action (BECA)
Ramona Norton Community Advisor Network African Diaspora & TRV and Psychologist; Counseling & Psychological Services
Chani Oppenheim Executive Director; Hillel House
Cindy Oropeza Ex-Officio Member and Manager-EEO, Diversity/Bnfts; Human Resources
Sharon Perera Campus Climate Intern; Cross Cultural Center (sub: Hailey Caparella)
Marion Randall Executive Director; Human Resources
Rahim Reed Co-chair - Associate Executive Vice Chancellor; Campus Community Relations
Susan Rivera Chair-Academic Senate Affirmative Action & Diversity and Professor-Psychology; Psychology
Walter Robinson Director of Admissions
Nan Senzaki UC Advisory Council on Campus Climate, Culture & Inclusion; Counseling & Psychological Services
Nick Sidney Student Assistant to the Chancellor; Student Affairs
Binnie Singh Ex-Officio Member and Director-Faculty Relations; Office of the Provost
Maureen Stanton Vice Provost Academic Affairs - Designate
Britt Sumida Ex-officio, SAO Learning Skills; Asian American Studies
Mikael Villalobos Ex-Officio Member and Administrator-Diversity Education; Campus Community Relations
Robert Waste Assistant Director; UCDHS: Government & Community Relations
Ginal Werfel Co-chair – SWADAC and Professor; Art
Jennifer Wong Wade Chair – SDAAC and Development Analyst; University Outreach and International Programs
Fred Wood Vice Chancellor; Student Affairs
Robert Woods President; African & African American Alumni Association

The website URL where information about the diversity and equity committee is available :

<http://occr.ucdavis.edu/cccd/index.html>

Does the institution have a diversity and equity office? :

Yes

A brief description of the diversity office :

[STARS Reporting Tool](#) | [AASHE](#) | [Sierra Magazine](#)

The mission of the Office of Campus Community Relations (OCCR) is to ensure the attention to those components of the campus community that affect community, campus climate, diversity and inclusiveness.

OCCR provides leadership in diversity education training, affirmative action, equity initiatives and campus community relations.

OCCR serves the campus and general community by working in collaboration with a broad, diverse cross section of the campus community to develop a strategic plan to guide the university in the development and assessment of policy, programs, initiatives and outreach efforts to increase diversity, improve campus climate and promote inclusiveness.

STAFF

Vickie Gomez

Diversity Program Coordinator

Early Resolution Discrimination Coordinator

vlgomez@ucdavis.edu

Tammy McNiff

Program Director, Campus Community Engagement

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Linda Mijangos

Executive Assistan to the Associate Executive Vice Chancellor

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Mikael Villalobos

Administrator of Diversity Education Program

mbvillalobos@ucdavis.edu

Samantha Huynh

Student Assistant

occr@ucdavis.edu

The number of people employed in the diversity office :

5

The website URL where information about the diversity and equity office is available :

<http://occr.ucdavis.edu/cccd/index.html>

Does the institution have a diversity and equity coordinator? :

Yes

Diversity coordinator's name :

Vickie Gomez

Diversity coordinator's position title :

Diversity Program Coordinator & Early Resolution Discrimination Coordinator

A brief description of the diversity coordinator's position :

Vickie Gomez, M. A., is the Diversity Program Coordinator, and the Early Resolution Discrimination Coordinator with the Office of Campus Community Relations in the Offices of the Chancellor and Provost. Previous experience includes, 5 years as Academic Counselor in the College of Letters and Science Deans Office. Prior to joining UC Davis, she worked for 13 years at San Jose State University as Assistant Director/Counseling Coordinator of Student Support Services, a Trio program. She has been a member of the UC Davis Diversity Trainers Institute since 2006, a team of UC Davis trainers who develop, teach and facilitate workshops and courses for students, staff and faculty on issues related to social justice and diversity education. Vickie has a master's degree in Counseling Education and a bachelor's degree in African American Studies. She also holds a Community College Teaching Credential in Psychology and has taught at Evergreen Community College in San Jose.

The website URL where information about the diversity and equity coordinator is available :

<http://www.hr.ucdavis.edu/sdps/catalog/instructors/vickie-gomez>

Measuring Campus Diversity Culture

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution assesses attitudes about diversity and equity on campus and uses the results to guide policy, programs, and initiatives.

Institution may measure its culture of diversity and equity using one assessment for the entire institution or using separate assessments that taken together cover the entire institution.

Assessments conducted during the previous five years are eligible for this credit.

"---" indicates that no data was submitted for this field

Has the institution assessed attitudes about diversity and equity on campus in a way that meets the criteria for this credit? :

No

A brief description of the assessment(s) :

We are pursuing this credit for STARS, but do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool Schools survey.

Year the assessment was last administered :

2010

A brief description of how the results of the assessment(s) are used in shaping policy, programs, and initiatives :

We do not have the data fully compiled at this time.

The website URL where information about the assessment(s) is available :

Support Programs for Underrepresented Groups

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution has mentoring, counseling, peer support, affinity groups, academic support programs, or other programs in place to support underrepresented groups on campus.

"---" indicates that no data was submitted for this field

Does the institution have mentoring, counseling, peer support, affinity groups, academic support programs, or other programs in place to support underrepresented groups on campus? :

No

A brief description of the programs sponsored by the institution to support underrepresented groups within the student body :

We are pursuing this credit for STARS, but we do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool School Survey.

A brief description of the programs sponsored by the institution to support underrepresented groups within the faculty :

We do not have the data fully compiled at this time.

A brief description of the programs sponsored by the institution to support underrepresented groups within the staff :

We do not have the data fully compiled at this time.

The website URL where more information about the programs in each of the three categories is available :

Support Programs for Future Faculty

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution administers and/or participates in a program or programs to help build a diverse faculty throughout higher education.

Such programs could take any of the following forms:

- Teaching fellowships or other programs to support terminal degree students from underrepresented groups in gaining teaching experience. (The terminal degree students may be enrolled at another institution).
 - Mentoring, financial, and/or other support programs to prepare and encourage undergraduate or other non-terminal degree students to pursue further education and careers as faculty members.
 - Mentoring, financial, and/or other support programs for doctoral and post-doctoral students from underrepresented groups.
-

"---" indicates that no data was submitted for this field

Does the institution administer and/or participate in programs that meet the criteria for this credit? :

No

A brief description of the institution's programs that help increase the diversity of higher education faculty :

We are pursuing this credit for STARS, but we do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool School Survey.

The website URL where more information about the program(s) is available :

Affordability and Access Programs

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution has policies and programs in place to make it accessible and affordable to low-income students. Such policies and programs may include, but are not limited to, the following:

- Policies and programs to minimize the cost of attendance for low-income students
- Programs to equip the institution's faculty and staff to better serve students from low-income backgrounds
- Programs to prepare students from low-income backgrounds for higher education such as the federal TRIO programs
- Scholarships for low-income students
- Programs to guide parents of low-income students through the higher education experience
- Targeted outreach to recruit students from low-income backgrounds
- Other admissions policies or programs
- Other financial aid policies or programs

Institutions are not required to have programs or policies in each of the above areas in order to earn this credit. They may pursue the policies and programs that are appropriate for their context.

"---" indicates that no data was submitted for this field

Does the institution have policies and programs in place to make it accessible and affordable to low-income students?

:

Yes

A brief description of the institution's participation in federal TRIO programs :

The TRiO Scholars Program, also known as Student Support Services (SSS), is a federally funded effort to improve the retention and graduation rates of first-generation and income-qualified students and students with disabilities at UC Davis. Housed within the Student Academic Success Center, the TRiO Scholars Program offers its 160 participants academic, social, personal, and career advising and support from entry into UC Davis until graduation.

The UC Davis McNair Scholars Program is a two-year program funded by TRIO and the U.S. Department of Education. It is designed to encourage students from groups often underrepresented in graduate programs to pursue doctoral degrees. About 20 UC Davis undergraduates and incoming transfer students are selected each year to participate in academic year and summer activities

The UC Davis Educational Talent Search (ETS) program is a federally funded TRIO program that seeks to assist low-income, first generation students in Sacramento, Solano, and Yolo counties. The goal of the program is to provide services that assist students in

completing secondary school and enrolling in post secondary institutions

A brief description of the institution's policies and programs to minimize the cost of attendance for low-income students? :

The Blue and Gold Opportunity Plan ensures that eligible California students with an annual family income of up to \$80,000 will have their systemwide fees and tuition covered by gift aid.

A brief description of the institution's programs to equip the institution's faculty and staff to better serve students from low-income backgrounds :

COSMOS, PROJECT SEED, and the ANSI University Outreach Program engage low-income students in research related careers with faculty mentoring and advising.

A brief description of the institution's programs to prepare students from low-income backgrounds for higher education :

College OPTIONS provides in-school academic advisers, informational materials and programs, and educational activities for students, families, educators and communities within Shasta and Siskiyou counties. The focus of the program is to strengthen the college-going culture and to help students and families access post-secondary educational opportunities.

Upward Bound helps students generate the skills and motivation needed for college success. Students in the Upward Bound program are four times more likely to earn an undergraduate degree than students from similar backgrounds who do not participate in the program. High school students who will be the first generation in their family to attend college are eligible for the program. It consists of a summer residential component and academic year assistance such as weekly after-school advising, tutoring and special activities by UC Davis student advisers.

A brief description of the institution's scholarships for low-income students :

The Fiddyment Award, the Chancellor's Achievement Award, and the Reservation for College (RFC) program were instituted to increase the enrollment and retention of low-income undergraduates.

A brief description of the institution's programs to guide parents of low-income students through the higher education experience :

The new UC Davis GEAR UP (Gaining Early Awareness and Readiness for Undergraduate Programs) will provide regional students and their families with services and opportunities to help students prepare for college and careers beyond. The support will include mentoring, counseling, tutoring and summer programs to foster success in higher-level math and other college preparatory courses. Information about college and financial aid options will also be provided.

A brief description of the institution's targeted outreach to recruit students from low-income backgrounds :

The institution recruits students from low-income backgrounds through involvement in several of the programs detailed in other responses to this credit.

A brief description of the institution's other admissions policies and programs :

Early Academic Outreach Program (EAOP), Sacramento Area Transfer Initiative, Transfer Opportunity Program (TOP) create access for economically disadvantaged and educationally disadvantaged students through the freshmen and transfer pathway.

A brief description of the institution's other financial aid policies or programs :

The We Are Aggie Pride program is a student originated and led philanthropy program that receives assistance and guidance from the UC Davis Office of Development. It originated when a group of students realized that their peers were having their ability to achieve severely disrupted by short-term financial crises that weren't covered by financial aid. Many UC Davis students are attending school with little or no assistance from their families, and may not have any funding source to fall back on in a time of need. This program was conceived to cover food, rent and other essential costs not covered by other programs, to keep students on track for academic success.

A brief description of the institution's other policies and programs not covered above :

Some of the UC Davis K-12 Outreach Programs:

The Animal Ambassadors Program is designed to use the world of animals, both domesticated and wild, as a 'bridge' to help youth develop an interest in science and acquire critical thinking and life skills. Furthermore, it builds a foundation of care and responsibility toward animals, and, by extension, toward themselves and other humans.

UC Davis ArtsBridge offers immersive, sequential classroom projects in art, dance, drama, music and the digital arts. Projects are tailored to individual classroom needs, with an emphasis on culturally relevant pedagogy that promotes community and student empowerment through the arts.

BioTech SYSTEM is a Northern California consortium supporting STEM education in grades K-14 and fostering a collaborative network that includes diverse stakeholders in the biotech community. BioTech SYSTEM aims to address regional challenges in STEM education by facilitating professional development opportunities for life science educators, mobilizing resources in support of student activities, and educating stakeholders on potential life science training programs and career paths. Ultimately, they hope to engage diverse segments of society in conversations about life science impacts on health care, agriculture, and the environment.

The Biotechnology in the Classroom program provides accessible, objective information along with a contemporary lab experience for high school students and teachers in the Greater Sacramento Valley.

The R. M. Bohart Museum of Entomology, founded in 1946, is located on the University of California, Davis campus. The museum is dedicated to teaching, research and service. Current education programs reach over 10,000 people per year and include traveling programs to schools and educational material loans for integration into classroom curriculum.

The mission of the UC Davis Botanical Conservatory is to inspire, facilitate, promote and engage visitors with an understanding and appreciation of plants, their diversity and the pivotal role they serve in the environments where they are found. The Conservatory and the collections within serve as an interactive and multi-sensory museum containing a large diversity of live specimens relied on for teaching or research purposes at the UC Davis campus and available for other academic institutions including K-12 in northern California.

Each spring, school children visit the “Kids in the Garden” program at the Ecological Garden. They experience garden and farm ecology first-hand through harvesting crops and tasting fresh produce, feeding chickens and examining compost worms, and exploring nature. Older students can become more actively involved in agricultural production by helping to plant or harvest at the Student Farm.

The Early Academic Outreach Program (EAOP) was implemented in 1976 by the University in response to the State Legislature's recommendation to increase the number of economically disadvantaged and educationally disadvantaged students who are competitively eligible for postsecondary education. EAOP mission is to contribute to educational equity and access by motivating and preparing students to pursue and succeed in postsecondary opportunities.

The California State Summer School for Mathematics and Science, COSMOS, is a 4-week summer residential program for high achieving math and science students. Students live on campus and attend subject specific classes taught by UC faculty and researchers. The program is open to 9th-12th grade high school students. This intense academic program is intended to inspire and encourage young people to pursue future study in a STEM (Science, Technology, Engineering and Mathematics) related field.

The Healthy Start Field Office (HSFO) was created to provide training and technical assistance services to the more than 1,000 public schools in California receiving SB-620 Healthy Start planning or operational grants from the California Department of Education (CDE).

The Museum of Wildlife and Fish Biology is a vertebrate museum dedicated to education, outreach, conservation, and research. The MWFB has conducts outreach to science and non-science students, professionals, primary school groups, and the general public. The strength of the outreach activities is the museum's internship program designed to recruit and expose UC Davis students to museum science and specimen based field research.

The Partnership for Biotechnology and Genomics Education (PBGE) project on the UC Davis campus involves two related components of secondary education focused on Science, Technology, Engineering, and Mathematics (STEM) concepts. The components include the development and distribution of innovative 3D virtual reality software and a highly successful laboratory equipment loan program with associated curricula for hands-on instruction in biotechnology for secondary schools.

ACS Project SEED is a summer research program that opens new doors for economically disadvantaged high school students to experience what it's like to be a chemist. The program provides opportunities for students who historically lack exposure to scientific careers to spend a summer conducting hands-on research with a scientist in academic, industry, and government research laboratories.

The UC Davis Young Scholars Program is a summer residential research program designed to expose 40, high achieving high school students to the world of original research in the natural sciences with emphases on the biological, environmental and agricultural sciences. In addition to scientific research, the UCD-YSP strives to introduce participants to the climate and culture of living and working on a university campus. Staff make every effort to model the experiences that participants will have during their first years of college.

The website URL where information about programs in each of the areas listed above is available :

<http://eaop.ucdavis.edu/>

Gender Neutral Housing

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Submission Note:

Student Housing is committed to finding appropriate, welcoming accommodations for all students, and Transgender and Transitioning students are encouraged to note this under the special considerations section of their applications so that we can discuss their options with them. Student Housing respects each person's right to designate their own gender and assign housing spaces accordingly.

"---" indicates that no data was submitted for this field

Does the institution offer housing options to accommodate the special needs of transgender and transitioning students (either as a matter of policy or as standard practice)? :

Yes

A brief description of the program, policy, or practice :

Student Housing has gender inclusive bathrooms in many areas as well as a Rainbow Community that specifically addresses issues faced by transgender and transitioning students. As a matter of practice, Student Housing will work with any students wanting special accommodation to find a space where they will feel safe and comfortable. There is information specifically regarding transgender and transitioning students within the "Ask Me" frequently asked questions section on the web page.

Further information can be found at:

Ask Me question regarding accommodations for transgender / transitioning students:

<http://www.housing.ucdavis.edu/askme/>

The website URL where information about the program, policy, or practice is available :

<http://www.housing.ucdavis.edu/education/communities/rh.asp>

Employee Training Opportunities

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution make cultural competence trainings and activities available to all employees? :

No

A brief description of the cultural competence trainings and activities :

We are pursuing this credit for STARS, but we do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool School Survey.

The website URL where information about the trainings and activities are available :

Student Training Opportunities

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution make cultural competence trainings and activities available to all students? :

Yes

A brief description of the cultural competence trainings and activities :

The Cross Cultural Center provides peer-led cultural competence training for all students that are available by request through their website. The CCC also provides training to students in the residence halls via their Resident Advisors, who request the training for their residents. The CCC staff is also available to conduct training anytime for any member of the campus community provided the request is submitted a minimum of 1 month in advance for planning purpose.

The website URL where information about the trainings and activities are available :

<http://ccc.ucdavis.edu/programs/peacehome.html>

Human Resources

This subcategory seeks to recognize institutions that have incorporated sustainability into their human resources programs and policies. This includes recognition for treating and remunerating their workers responsibly and fairly. An institution's people define its character and capacity to perform; and so, an institution's achievements can only be as strong as its community. An institution can bolster the strength of its community by making fair and responsible investments in its human capital. Such investments include offering benefits, wages, and other assistance that serve to respectfully and ethically compensate workers. Investment in human resources is integral to the achievement of a healthy and sustainable balance between human capital, natural capital, and financial capital.

In addition, this subcategory recognizes faculty and staff training and development programs in sustainability. Faculty and staff members' daily decisions impact an institution's sustainability performance. Equipping faculty and staff with the tools, knowledge, and motivation to adopt behavior changes that promote sustainability is an essential activity of a sustainable campus.

Credit
Sustainable Compensation
Employee Satisfaction Evaluation
Staff Professional Development in Sustainability
Sustainability in New Employee Orientation
Employee Sustainability Educators Program
Childcare
Employee Wellness Program
Socially Responsible Retirement Plan

Sustainable Compensation

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution evaluates, and updates as appropriate, its wages and benefits policies and its guidelines for contractors operating on campus to ensure that total compensation (wages plus benefits) for all on-campus workers is sufficient to enable these employees to meet their basic needs, as defined by the institution. This evaluation is completed at least once every three years.

Student workers are not covered by this credit.

While wages and total compensation set in the following ways may constitute sustainable compensation, institutions should conduct a basic needs assessment to ensure that the total compensation is adequate before claiming points for this credit:

- Paying prevailing wages for job type or classification
- Paying average or above average wages for the region or city where the institution is located
- Paying minimum wages or a set amount above the minimum wage

Policies and practices adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

"---" indicates that no data was submitted for this field

Total number of employees working on campus (including contractors) :

0

Number of employees (including contractors) that the institution ensures earn sustainable compensation :

0

A brief description of how the institution ensures that its lowest-paid workers (including contractors, if applicable) receive sustainable compensation :

We are pursuing this credit for STARS, but we do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool School Survey.

The most recent year total compensation for the institution's lowest-paid workers (including contractors, if applicable) was evaluated to ensure that it was sustainable :

2011

The website URL where information about the institution's compensation policies and practices is available :

Employee Satisfaction Evaluation

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution conducts a survey or other evaluation that allows for anonymous feedback at least once every five years to measure employee satisfaction. The survey or equivalent may be conducted institution-wide or may be done by individual departments as long as all departments are covered by a survey. The institution has a mechanism in place to address issues raised by the evaluation.

"---" indicates that no data was submitted for this field

Does the institution evaluate employee satisfaction in a way that meets the criteria for this credit? :

Yes

A brief description of the institution's methodology for evaluating employee satisfaction :

At the request of UC's President Yudof, the Council of University of California Staff Assemblies (CUCSA) established a Staff Morale workgroup, charged with: "providing a series of suggestions for programmatic revisions and additions that would support positive staff morale throughout the system, and taking into account current fiscal realities, that the workgroup's suggestions be deliverable with minimal cost to the system."

The Staff Morale Workgroup elected to gather system-wide input from colleagues on the subject of staff morale and did so with a survey offered at all ten campuses and five medical centers. In order to focus system-wide responses to the survey, the Staff Morale Workgroup developed a working definition of Staff Morale which is: "The level of enjoyment or satisfaction a UC employee has in their workplace."

The Staff Morale Workgroup gathered several ideas and did research on what constitutes staff morale in the workplace. Based on this research a survey was created to capture data about the following factors that are believed to influence staff morale:

Work Environment

Professional Growth Environment

Positive Supervision

Teamwork Environment

Additional Factors that influence staff morale may include the availability of alternative work options (e.g. flexible scheduling, job-sharing and phased retirement); workplace accommodations; social opportunities; tangible perks (e.g. discounts, entertainment opportunities); satisfactory or better benefits (e.g. health insurance, pension, etc.); equitable pay; and opportunities for campus involvement.

The purpose of the survey was to gather UC system-wide information on the status of staff morale and more specifically, the perception of staff morale at the workplace, in order to present low cost and no cost recommendations. A survey was designed that captured data regarding the factors that may influence staff morale. The survey took approximately 8-10 minutes to complete and included the opportunity for responders to make specific comments. UC staff was encouraged to pass along the survey to colleagues

on campus. UC staff, which did not have computer access, or who preferred to submit the survey manually, were given the option to print out the survey and submit it to their local CUCSA representative. Information on how to submit a paper copy was found at the end of the survey. The survey remained open to responders for approximately two weeks during January 2010.

The information provided is confidential and the name of the responder was not linked with the responses.

The Staff Morale Workgroup analyzed the survey results, identifying themes that were referred to by staff regardless of UC location. Data received has been condensed by specific areas (factors listed above) and is included in the final report. Based on the data, the Workgroup presents several Low-/No-Cost and Higher-Cost Recommendations focused on improving supervision, increasing professional/career development opportunities and increasing employee recognition/rewards.

The year the employee satisfaction evaluation was last administered :

2010

The website URL where information about the institution's employee satisfaction evaluation process is available :

<http://www.ucop.edu/cucsa/documents/staff-morale2010.pdf>

Staff Professional Development in Sustainability

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution makes available training and/or other professional development opportunities in sustainability to all staff at least once per year.

Separate training opportunities for each department would count for this credit, as long as each staff member has an opportunity to learn about sustainability at least once per year.

It is not necessary that each staff member attend such trainings; the credit is based on making training *available* to all staff.

This credit applies to staff members only; it does not include faculty members.

The following training opportunities are not sufficient for this credit:

- Specialized training for a small group of staff
 - The opportunity to participate in an institutional sustainability committee or group
-

"---" indicates that no data was submitted for this field

Does the institution make training and professional development opportunities in sustainability available to all staff? :

No

A brief description of the sustainability trainings and professional development opportunities available to staff :

We are pursuing this credit for STARS, but we do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool School Survey.

The website URL where information about staff training opportunities in sustainability are available :

Sustainability in New Employee Orientation

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution covers sustainability topics in new employee orientation and/or in outreach and guidance materials distributed to new employees, including faculty and staff.

"---" indicates that no data was submitted for this field

Does the institution cover sustainability topics in new employee orientation and/or in outreach and guidance materials distributed to new employees, including faculty and staff? :

Yes

A brief description of how sustainability is included in new employee orientation :

UC Davis new employee orientation, which is provided in a multi-part format, includes review of:

The UC Davis Principles of Community:

<http://occr.ucdavis.edu/poc/>

“Getting around” which includes alternative transportation options and the goClub program:

<http://goclub.ucdavis.edu/>

WorkLife, which encompasses dependent care, health and wellness, financial support, career flexibility, and community involvement

Numerous health and safety policies and practices, including health center locations and related programs

Campus-sponsored education and development opportunities:

<http://www.hr.ucdavis.edu/sdps>

UC Davis Extension, the professional and continuing education arm of the university, which offers several sustainability-related courses:

<http://extension.ucdavis.edu/>

The Experimental College that offers low-cost, non-credit courses in natural beekeeping, indoor gardening, and other interesting topics:

<http://ecollege.ucdavis.edu/>

The goal of zero waste by 2020, including the “4 Rs” – reduce, reuse, recycle, and rebuy

The Whole Earth Festival, which celebrates ecological sustainability :

<http://wef.ucdavis.edu/>

The annual campus-wide celebration of the rich diversity of UC Davis - “Soaring to New Heights”:

<http://occr.ucdavis.edu/soaring/>

The Campus Book Project:

<http://occr.ucdavis.edu/book-project.html>

UC Davis Olive Oil, which is made from harvested olives from campus trees:

<http://oliveoil.ucdavis.edu/about>

The Good Life Garden, which features organic and sustainably grown vegetables:

<http://goodlifegarden.ucdavis.edu/>

The website URL for the information about sustainability in new employee orientation :

<http://www.hr.ucdavis.edu/sdps/neo>

Employee Sustainability Educators Program

Criteria

Institution administers or oversees an ongoing faculty/staff peer-to-peer sustainability outreach and education program. In the program, employee sustainability educators are formally designated and receive formal training or participate in an institution-sponsored orientation. The institution offers financial or other support to the program.

"---" indicates that no data was submitted for this field

Total number of people employed by the institution :

Program name (1st program) :

Number of employees served by the program (1st program) :

A brief description of how the employee educators are selected (1st program) :

A brief description of the formal training that the employee educators receive (1st program) :

A brief description of the staff and/or other financial support the institution provides to the program (1st program) :

The website URL where information about the program is available (1st program) :

Program name (2nd program) :

Number of employees served by the program (2nd program) :

A brief description of how the employee educators are selected (2nd program) :

A brief description of the formal training that the employee educators receive (2nd program) :

A brief description of the financial or other support the institution provides to the program (2nd program) :

The website URL where information about the program is available (2nd program) :

Program name(s) (all other programs) :

Number of employees served by the program(s) (all other programs) :

A brief description of how the employee educators are selected (all other programs) :

A brief description of the formal training that the employee educators receive (all other programs) :

A brief description of the staff and/or other financial support the institution provides to the program(s) (all other programs) :

The website URL where information about the program(s) is available (all other programs) :

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have an on-site child care facility, partner with a local facility, and/or provide subsidies or financial support to help meet the child care needs of students, faculty, and staff? :

Yes

A brief description of the child care program, policy, or practice :

There are four facilities on campus that provide childcare and all are accredited by the National Association of the Education of Young Children (NAEYC).

The Early Childhood Lab School (ECL) is the weekday program for infants, toddlers, and preschoolers at Center for Child and Family Studies. It serves as a model early childhood program, a site for research involving young children, and provides an educational experience for students studying child development. The program enrolls 82 children: 10 infants, 12 toddlers, and 60 preschoolers, in four classrooms and three large outdoor play spaces. Each class is staffed by a Head Teacher with a B.A. in human development or early childhood education, a Program Coordinator with a Master's degree in either field, and four or five undergraduate student caregivers enrolled in the "Communication and Interaction with Young Children" course.

Hutchison Child Development Center is managed by Bright Horizons whose mission is to provide a caring and nurturing environment where children can learn and develop. The facility offers full-time and part-time child care and is located on campus, near the recreation center.

La Park Park Child Development Center and Russell Park Childhood Development Center are also located on campus, and offer full-time and part-time child care, for faculty, staff and student parents

The website URL where information about the program, policy, or practice is available :

<http://www.hr.ucdavis.edu/worklife-wellness/Life/childcare/on-campus-childcare>

Employee Wellness Program

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have an employee assistance or wellness program that provides counseling, referral, and well-being services to employees? :

No

A brief description of the employee wellness program, policy, or practice :

We are pursuing this credit for STARS, but we do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool School Survey.

The website URL where information about the program, policy, or practice is available :

Socially Responsible Retirement Plan

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution offer a socially responsible investment option for retirement plans? :

Yes

A brief description of the socially responsible investment option for retirement plans :

The UC Retirement Savings Program allows employees to invest in a variety of funds, including the following:

Vanguard FTSE Social Index Fund

Some individuals choose investments based on social and personal beliefs. For this type of investor, we have offered Vanguard FTSE Social Index Fund since 2000. This low-cost fund seeks to track a benchmark of large- and mid-capitalization stocks that have been screened for certain social, human rights, and environmental criteria. In addition to stock market volatility, one of the fund's other key risks is that this socially conscious approach may produce returns that diverge from those of the broad market.

Calvert Social Index Fund (CSXAX)

The Fund employs a passive management strategy designed to track, as closely as possible, the performance of the Calvert Social Index. The Fund uses a replication index method, investing in the common stock of each company in the Index in about the same proportion as represented in the Index itself. The Calvert Social Index measures the performance of those companies that meet the sustainable and socially responsible investment criteria and that are selected from the universe of approximately the 1,000 largest U.S. companies, based on total market capitalization, included in the Dow Jones Total Market Index. The Index is reconstituted once a year based on an updated list of the 1000 largest U.S. companies, and is reviewed quarterly to adjust for sustainable and responsible investment criteria and other factors.

Further information can be found at:

<http://www.calvert.com/fundprofile.html?fund=933>

The website URL where information about the program, policy, or practice is available :

https://ucfocusonyourfuture.mysecurebenefitsportal.com/Content/downloads/Vanguard_F0223.pdf

Investment

This subcategory seeks to recognize institutions that make investment decisions that promote sustainability. Most institutions invest some of their assets in order to generate income. Together, colleges and universities invest hundreds of billions of dollars. Schools with transparent and democratic investment processes promote accountability and engagement by the campus and community. Furthermore, institutions can support sustainability by investing in companies and funds that, in addition to providing a strong rate of return, are committed to social and environmental responsibility. Investing in these industries also supports the development of sustainable products and services. Finally, campuses can engage with the businesses in which they are invested in order to promote sustainable practices.

Throughout this subcategory, the term “sustainable investment” is inclusive of socially responsible, environmentally responsible, ethical, impact, and mission-related investment.

Credit
Committee on Investor Responsibility
Shareholder Advocacy
Positive Sustainability Investments
Student-Managed Sustainable Investment Fund
Sustainable Investment Policy
Investment Disclosure

Committee on Investor Responsibility

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution has a formally established and active CIR or similar body that makes recommendations to the Board of Trustees on socially and environmentally responsible investment opportunities across asset classes, including proxy voting. The body has multi-stakeholder representation, which means its membership includes faculty, staff, and students and may include alumni, trustees, and/or other parties.

Institutions for which investments are handled by the university system and/or a separate foundation of the institution should report on the investment policies and activities of those entities.

A general committee that oversees the institution's investments does not count for this credit unless social and environmental responsibility is an explicit part of its mission and/or agenda.

This credit applies to institutions with endowments of US \$1 million or larger. Institutions with endowments totaling less than US \$1 million may choose to omit this credit.

"---" indicates that no data was submitted for this field

Does the institution have a committee on investor responsibility or similar body that meets the criteria for this credit?

:

Yes

The charter or mission statement of the CIR or other body, which reflects social and environmental concerns, or a brief description of how the CIR is tasked to address social and environmental concerns :

Both the UC Davis Endowment Fund as well as the UC Regents Endowment Fund have investment responsibility committees that adhere to the requirements in the Uniform Prudent Management of Institutional Funds Act. The Endowment investment policy diversifies investments and provides a balance to enhance total return while avoiding undue risk in any single asset class or investment category. The UC Regents manage 19% of the UC Davis Endowment Fund's assets and external investment managers manage the other 81%. About 5% (\$250M) of the managed Regents' Endowment Fund are in Emerging Markets, which have recently been populated by environmental, and CleanTech equities, and the Regents' benchmark of performance is on the MSCI Emerging Market Free Net.

http://www.ucop.edu/treasurer/invpol/GEP_IPS_02-24-09.pdf

Additionally, The UC Regents have prohibited the purchase of securities issued by tobacco companies. The purchase of securities issued by tobacco companies is prohibited in separately managed accounts as well. The Regents have defined a tobacco company as "a company which derives its revenues from the manufacture and distribution of tobacco products or, if a diversified company, that no other business

[STARS Reporting Tool](#) | [AASHE](#) | [Sierra Magazine](#)

line contributes more revenues or earnings than tobacco products." The Treasurer will determine what constitutes a tobacco company based on standard industry classification of the major index providers (e.g., Russell, MSCI) and communicate this list to investment managers annually and whenever changes occur. The Committee recognizes that the establishment of social investing restrictions limits investment opportunities and should be accompanied by adjusting performance evaluation standards appropriately.

The UC Davis Foundation is a nonprofit 501(c)(3) corporation in response to the University's recognition that private support is essential to maintaining and enhancing the margin of excellence at UC Davis. The Foundation helps UC Davis obtain private gifts (in support of research, teaching, and public service) and manages the gift assets. Distinguished community members, University administrators, and faculty and alumni representatives make up the 48-member Board of Trustees that governs the Foundation. The Board meets quarterly in regular session, and the Foundation's standing committees meet throughout the year to review Foundation business and to recommend action. The Foundation's standing committees include Audit, Development, Executive, Investment/Finance, and Nominating.

The Foundation accepts, administers, and invests private gifts in the form of cash and real or personal property and manages the funds either as endowments or as funds available for current expenditure. The Foundation's net assets at June 30, 2011 were \$251.7 million, of which the endowment comprised approximately \$207.8 million. (These amounts are stated without regard to GASB 33 accounting rules for comparative purposes for the past ten years.)

Members of the CIR, including affiliations :

From the Foundation's inception, members of the Board of Trustees have formed a crucial link between UC Davis and the community. The Trustees communicate about UC Davis to the public, and in so doing, build interest in the campus and support for its programs. The excellence that UC Davis has achieved has been assisted by the community, and the Trustees and volunteers who serve the UC Davis Foundation continue to play a critical role in the growth and success of the campus.

Recent examples (within the past 3 years) of CIR actions :

Major initiatives at UC Davis funded through gifts to the Foundation include the Center for Mind and Brain, the Mind Institute, Robert and Margrit Mondavi Center for the Performing Arts, Energy Efficiency Center, Child Family Institute for Innovation and Entrepreneurship, Campus Arboretum, CAES: Agricultural Sustainability Institute, Robert Mondavi Institute for Wine and Food Science (RMI), 21 endowed professorships, 223 student scholarships and fellowships, 61 department chairs, research support, departmental support, and support for unrestricted gifts. Buildings constructed with partial or full funding from gifts to the Foundation include the Robert Mondavi Institute for Wine and Food Science (RMI) which is LEED Platinum certified, the Mondavi Center for the Performings Arts, and substantial commitments for the Jan Shrem and Maria Manetti Farrow Museum of Art to be completed in 2015. The continuing growth in these areas is a reflection of the University's commitment to the development of private support to sustain its quest for excellence.

The website URL where information about the committee is available :

Shareholder Advocacy

Criteria

There are two possible approaches to earning this credit.

1) Institution filed or co-filed one or more shareholder resolutions that address sustainability or submitted one or more letters about social or environmental responsibility to a company in which it holds investments, during the previous three years.

and/or

2) Institution has conducted a negative screening of its entire investment pool within the last three years. This could take the form of prohibiting investment in an industry (e.g. tobacco or weapons manufacturing) or participating in a divestment effort (e.g. companies operating in South Africa during apartheid). The negative screen includes selling all but \$2,000 or less of the affected direct holdings and writing a letter to all fund managers encouraging them to remove affected holdings as well.

Institutions for which investments are handled by the university system and/or a separate foundation of the institution should report on the shareholder advocacy activities of those entities.

"---" indicates that no data was submitted for this field

Has the institution filed or co-filed one or more shareholder resolutions that address sustainability during the past three years? :

Has the institution submitted one or more letters about social or environmental responsibility to a company in which it holds investments during the previous three years? :

Has the institution conducted a negative screening of its entire investment pool within the last three years? :

A brief description of how the institution (or its foundation) has engaged in shareholder advocacy that promotes sustainability during the previous 3 years. :

The website URL where information about the negative screen, divestment effort, and/or direct engagement with companies in which the institution holds investments is available :

Positive Sustainability Investments

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution invests in any of the following:

- Sustainable industries, such as renewable energy or sustainable forestry
- Businesses selected for exemplary sustainability performances
- Sustainability investment funds, such as a renewable energy investment fund
- Community development financial institutions (CDFI)
- Socially responsible mutual funds with positive screens.

Investment in a socially responsible mutual fund with only negative screens (i.e. one that excludes egregious offenders or certain industries, such as tobacco or weapons manufacturing) does not count for this credit.

Institutions for which investments are handled by the university system and/or a separate foundation of the institution should report on the investment policies and activities of those entities.

"---" indicates that no data was submitted for this field

Total value of the investment pool :

0 US/Canadian \$

Value of holdings in sustainable industries, such as renewable energy or sustainable forestry :

0 US/Canadian \$

Value of holdings in businesses selected for exemplary sustainability performances :

0 US/Canadian \$

Value of holdings in sustainability investment funds, such as a renewable energy investment fund :

0 US/Canadian \$

Value of holdings in community development financial institutions (CDFIs) :

0 US/Canadian \$

Value of holdings in socially responsible mutual funds with positive screens :

0 US/Canadian \$

A brief description of the companies, funds, and/or institutions referenced above :

We are pursuing this credit for STARS, but we do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool School Survey.

The website URL where information about the institution's sustainability investment activities is available :

Student-Managed Sustainable Investment Fund

"---" indicates that no data was submitted for this field

Does the institution have a student-managed sustainable investment fund through which students are able to develop socially and/or environmentally responsible investment skills and experience with governance? :

A brief description of the student-managed sustainable investment fund :

The website URL where information about the fund is available :

Sustainable Investment Policy

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution have a policy, practice or directive to consider the social and/or environmental impacts of investment decisions, in addition to financial considerations? :

Yes

A brief description of the sustainable investment policy :

Issues that are controversial or relate to social issues (i.e., tobacco issues, animal testing, military contracts, etc.) are reviewed on a case-by-case basis in light of their potential long-term economic impact on shareholders, along with ongoing review of company codes of conduct and social responsibility, any existing UC policies, and the advice of independent proxy monitor services. This may result in a vote against management if the company is not reasonably responsive to shareholder concerns.

Regents Policy 6302: Policy on Divestment of University Holdings in Companies with Business Operations in Sudan mandates a divestment in the following companies involved with fossil fuels: Bharat Heavy Electricals Ltd., China Petroleum and Chemical Corp. (Sinopec), Oil & Natural Gas Co. Ltd., PECD Bhd., PetroChina Company Ltd., CNPC Hong Kong, MISC Berhad (Petronas), Lundin Petroleum and AREF Investment Group held within separately managed equity portfolios of the University of California Retirement Plan (UCRP) and the General Endowment Pool (GEP). The divestment policy is due to these companies' involvement with fossil fuels and the suffering in the Darfur region of Sudan

The website URL where information about the policy is available :

Investment Disclosure

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution make a snapshot of its investment holdings, including the amount invested in each fund and/or company and proxy voting records, available to the public? :

Yes

A brief description of the institution's investment disclosure practices :

Information about investment holdings and investment policy, including proxy voting policy, is made available on the University of California Office of the Treasurer website.

The website URL where information about investment disclosure available :

http://www.ucop.edu/treasurer/invpol/GEP_investment_policy.html

Public Engagement

This subcategory seeks to recognize institutions that give back to their communities through community service, engagement, and partnerships. Volunteerism and the sense of compassion that community service helps develop are fundamental to achieving sustainability. From tutoring children to removing invasive species to volunteering at a food bank, students, faculty, and staff can make tangible contributions that address sustainability challenges through community service. Community engagement can help students develop leadership skills while deepening their understandings of practical, real-world problems. Institutions can contribute to their communities by harnessing their financial and academic resources to address community needs. For example, faculty research and courses can focus on how to address community problems. In addition, colleges and universities can offer incentives for their graduates to pursue careers that fill community needs, and schools can use their prominence to advocate for sustainability outside of their institutions.

Credit
Community Sustainability Partnerships
Inter-Campus Collaboration on Sustainability
Sustainability in Continuing Education
Community Service Participation
Community Service Hours
Sustainability Policy Advocacy
Trademark Licensing
Graduation Pledge
Community Service on Transcripts
Farmers' Market

Community Sustainability Partnerships

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution has formal partnership(s) with the local community, including school districts, government agencies, non-profit organizations, or other entities, to work together to advance sustainability within the community.

"---" indicates that no data was submitted for this field

Does the institution participate in community sustainability partnerships that meet the criteria for this credit? :

No

A brief description of the institution's sustainability partnerships with the local community :

We are pursuing this credit for STARS, but we do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool School Survey.

The website URL where information about sustainability partnerships is available :

Inter-Campus Collaboration on Sustainability

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution collaborates with other colleges and universities to support and help build the campus sustainability community.

"---" indicates that no data was submitted for this field

Does the institution collaborate with other colleges and universities to support and help build the campus sustainability community? :

Yes

A brief summary of papers, guides, presentations, and other resources the institution has developed to share their sustainability experience with other institutions :

UC Davis staff and faculty have presented at many different conferences nationally and internationally on various campus projects, best practices and programs, as well as published in journals. The campus has provided many tours of major innovations such as the pilot biodigester, the zero net energy West Village faculty/student/staff residential development, the world's first LEED Platinum brewery/winery/food science laboratory, and other projects. Staff have shared information with other campuses about how UC Davis has undertaken energy efficiency projects, created an online, interactive sustainability map, developed a climate action plan, and many other topics.

UC Davis has elected to share a few examples of ways faculty and staff share their sustainability experience with other institutions. Given the breadth and volume of participation by campus members, it is not possible to provide a comprehensive list.

USGBC Northern California 2012

Presentation of the sustainable design concepts for the LEED Platinum Brewery, Winery, & Food Facility by Professor Roger Boulton

Labs21 Conference 2012

Putting Freezers on the Farm: Waste Heat Guidelines, a discussion co-led by Allen Doyle (UC Davis Office of Environmental Stewardship and Sustainability)

WACUHO 2012

Transitioning to Reusable Dishware in the Residence Hall: The UC Davis AggieWare Story!, a presentation by Josh O'Connor (UC Davis Student Housing)

2012 UCTC Student Conference

Factors Influencing Sustainable Commuting by University Students and Employees in Davis, Calif., a poster by Joshua Miller
Global Warming's Six Americans and the implementation of local multi-modal transportation projects, a poster by Sydney Vergis

California Higher Education Sustainability Conference 2011

Cuarto Dining: Providing healthy, wholesome food from the ground up!, a presentation including Kyle Peiper and Linda Adams (UC Davis Dining Services)

USGBC Northern California 2011

Greening a Dining Commons: UC Davis Cuarto Dining Commons Remodel, a presentation including Michael Sheehan (UC Davis Student Housing) and Brenan Connolly (UC Davis Dining Services)

Governors' Global Climate Summit 2010

The UC Davis Climate Action Plan, a poster by Camille Kirk (UC Davis Office of Environmental Stewardship and Sustainability)

The names of local, state, regional, national, and other campus sustainability organizations or consortia in which the institution participates and/or is a member :

UC Davis belongs to many organizations with environmental and sustainability-related missions. A few of these are: the Yolo County Climate Compact, the City of Davis Climate Action Team, Association for the Advancement of Sustainability in Higher Education, and The Climate Registry. UC Davis is also a member of the American College & University Presidents' Climate Commitment (ACUPCC), a high-visibility effort to address global climate disruption undertaken by a network of colleges and universities that have made institutional commitments to eliminate net greenhouse gas emissions from specified campus operations, and to promote the research and educational efforts of higher education to equip society to re-stabilize the earth's climate.

UC Davis is part of the Council of the California Student Sustainability Coalition (CSSC) – which is a network of students and colleges that are actively working to transform their educational institutions and communities into models of sustainability. The UC Davis chapter of the CSSC, also known as the CSSC, began in 2003. The first year fostered projects like the Education for Sustainable Living Program (ESLP) and the Sustainability Summit.

UC Davis is involved with colleges and universities throughout the state as part of the annual California Higher Education Conference. Staff have presented and served on committees responsible for various components of the conference.

UC Davis staff actively participate in the GRNSCH-L and RECYC-L mail lists about sustainability topics and recycling and waste reduction programs at college and university campuses as well as related topics of interest to persons responsible for planning and implementing such programs.

UC Davis is a member of the US Green Building Council (USGBC) and have staff that participate in the USGBC Northern California chapter.

A brief summary of additional ways the institution collaborates with other campuses to advance sustainability :

UC Davis works closely with the other 9 campuses in the UC System. Staff members participate in multiple monthly conference calls with others to share best practices. Some of the monthly call groups are the UCOP Green Building Working Group, the UCOP LEEB EB Working Group, the UCOP Climate Change Working Group, and the UC Sustainability Officer's Working Group. UC Davis is also involved in development of the systemwide Sustainable Practices Policy .

UC Davis participates on the steering committee for the annual California Higher Education Sustainability Conference, which is being hosted by UC Davis in June 2012, and is a conference dedicated to bringing together all four systems of higher education in California to share information about best practices and programs, and forge new collaborations.

The UC Davis sustainability manager conceived of the Freezer Challenge, a national contest pitting UC Davis against other universities in a race to save energy and improve sample management. The Freezer Challenge is a way to introduce a variety of laboratory cold storage techniques, ranging from cleaning out and defrosting freezers to creating inventories of frozen samples to adjusting freezer temperatures and retiring old, less efficient freezers.

UC Davis has presented repeatedly on sustainability practices and programs at the California Higher Education Sustainability Conference, Association for the Advancement of Sustainability in Higher Education Conference, Laboratories for the 21st Century (Labs21@) Conference, Association of Public and Land-grant Universities, Western Association of College & University Housing Officers (WACUHO) Conference, the national Association of College & University Housing Officers, among others. In 2010, the Sustainable Textiles and Medical Protection (STAMP) Conference was hosted by a team of researchers from University of California, Davis, University of California, Berkeley, North Carolina State University, and Donghua University (Shanghai, China) on the UC Davis campus.

More information can be found at:

http://www.cahigheredusustainability.org/program/documents/FoodTues8UCDavisCHESC2011_000.pdf

<http://stc.ucdavis.edu/Events/UCTC/about.html>

<http://www.fabriclink.com/Features/Assets/TIUCDavis0910.pdf>

<http://cahigheredusustainability.org/>

The website URL where information about cross-campus collaboration is available :

http://sustainability.ucdavis.edu/news/2011/may/freezer_challenge.html

Sustainability in Continuing Education

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Part 1

Institution offers continuing education courses that are focused on or related to sustainability.

Courses that can be taken for academic credit are not included in this credit. They are covered by the *Curriculum* subcategory.

Part 2

Institution has a sustainability-related certificate program through its continuing education or extension department.

"---" indicates that no data was submitted for this field

Does the institution offer continuing education courses that are focused on or related to sustainability? :

No

Number of sustainability continuing education courses offered :

Total number of continuing education courses offered :

Does the institution have a sustainability-related certificate program through its continuing education or extension department? :

No

A brief description of the certificate program :

We are pursuing this credit for STARS, but we do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool School Survey.

Year the certificate program was created :

The website URL where information about sustainability in continuing education courses is available :

Community Service Participation

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution engages its student body in community service, as measured by the percentage of students who participate in community service.

Institutions may exclude non-credit, continuing education, and/or part-time students from this credit.

Submission Note:

UC Davis was named to the 2012 President's Higher Education Community Service Honor Roll from the 14,486 number of UC Davis students, staff, and faculty members contributing approximately 716,500 hours of community service from July 1, 2010 to June 30, 2011. These figures do not include all volunteers and hours contributed by the UC Davis community, the figures are conservative and verifiable, and at least 90-95% of the volunteers are students.

"---" indicates that no data was submitted for this field

The number of students engaged in community service :

14486

Total number of students, which may exclude part-time, continuing education and/or non-credit students :

27457

The website URL where information about the institution's community service initiatives is available :

<http://iccweb.ucdavis.edu/cs/>

Community Service Hours

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution engages students in community service, as measured by average hours contributed per full-time student per year.

Institutions may exclude non-credit, continuing education, and/or part-time students from this credit.

Submission Note:

UC Davis was named to the 2012 President's Higher Education Community Service Honor Roll from the 14,486 number of UC Davis students, staff, and faculty members contributing approximately 716,500 hours of community service from July 1, 2010 to June 30, 2011. These figures do not include all volunteers and hours contributed by the UC Davis community, the figures are conservative and verifiable, and at least 90-95% of the volunteers are students.

"---" indicates that no data was submitted for this field

The number of student community service hours contributed during a one-year period :

716500

Total number of students, which may exclude part-time, continuing education and/or non-credit students :

27457

The website URL where information about the institution's community service initiatives is available :

<http://iccweb.ucdavis.edu/cs/>

Sustainability Policy Advocacy

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution advocates for federal, state, or local public policies that support campus sustainability or that otherwise advance sustainability.

The policy advocacy must be done by the institution, not by students or a student group.

"---" indicates that no data was submitted for this field

Has the institution advocated for federal, state, and/or local public policies that support campus sustainability or that otherwise advance sustainability? :

Yes

A brief description of how the institution engages in public policy advocacy for sustainability, including the issues, bills, and ordinances for or against which the institution has advocated :

UC Davis' Office of Government Relations advocates the institution's position on sustainability legislative and regulatory proposals that affect the university to elected and appointed government officials. Public policy advocacy varies from year-to-year. For example, current advocacy includes UC Davis and University of California system-wide positions on greenhouse gas reduction and Cap & Trade legislation.

The website URL where information about the institution's advocacy efforts are available :

Trademark Licensing

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Part 1

Institution is a member of the Fair Labor Association or Worker Rights Consortium.

Part 2

Institution has signed on to participate in the Designated Suppliers Program.

Submission Note:

The University of California, Davis supports humane, safe, equitable, and enforceable labor standards in the manufacture of products bearing the university's name and other trademarks. In August 1998, UC became one of the few universities across the nation to adopt a Code of Conduct (Code) for its trademark licensees who manufacture clothing and other products bearing the UC name, logos, or other trademarks. In January 2000, UC furthered its commitment to worker rights by issuing a strengthened Code. UC Davis Trademark Licensing currently serves on the UC Code of conduct committee that is updating the UC Code to be more relevant to current labor standards.

Information can also be found at:

<http://www.ucop.edu/ucophome/coordrev/policy/1-05-00code.pdf>

"---" indicates that no data was submitted for this field

Is the institution a member of the Worker Rights Consortium? :

Yes

Is the institution a member of the Fair Labor Association? :

Yes

Has the institution expressed intention to participate in the Designated Suppliers Program? :

Yes

The website URL where information about the institution's participation in the WRC, FLA, and/or DSP is available :

<http://trademarks.ucdavis.edu/code.html>

Graduation Pledge

"---" indicates that no data was submitted for this field

Does the institution administer a graduation pledge through which students pledge to consider social and environmental responsibility in future job and other decisions? :

A brief description of the graduation pledge program :

The website URL where information about the graduation pledge program is available :

Community Service on Transcripts

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution include community service achievements on student transcripts? :

No

A brief description of the practice :

We are pursuing this credit for STARS, but we do not have the data fully compiled at this time. This credit is not required for the Sierra Club Cool School Survey.

The website URL where information about the practice is available :

Farmers' Market

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

"---" indicates that no data was submitted for this field

Does the institution host a farmers' market for the community? :

Yes

A brief description of the farmers' market :

The UC Davis Farmers Market is a weekly zero waste event featuring local growers of agricultural products. Student volunteers are stationed at composting stations to facilitate this being a zero waste event.

The website URL where information about the market is available :

<http://farmersmarket.ucdavis.edu/>

Innovation

Innovation

These credits recognize institutions that are seeking innovative solutions to sustainability challenges and demonstrating sustainability leadership in ways that are not otherwise captured by STARS.

Credit
Innovation 1
Innovation 2
Innovation 3
Innovation 4

Innovation 1

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

- 1) Innovation credits are reserved for new, extraordinary, unique, groundbreaking, or uncommon outcomes, policies, and practices that greatly exceed the highest criterion of an existing STARS credit or are not covered by an existing STARS credit.
 - 2) In general, innovation credits should have roughly similar impacts or be on the same scale as Tier One credits.
 - 3) The innovative practice, policy, program, or outcome should have occurred within the past three years.
 - 4) The innovative practice or program has to be something that the institution has already done; planned activities do not count.
 - 5) An institution can only claim a particular activity as an innovation credit once. When re-submitting for a STARS rating, an innovation credit that the institution submitted previously cannot be re-submitted.
 - 6) Practices, policies, and programs that were once considered innovative but are now widely adopted (e.g. being the first institution to enact a policy 20 years ago that is now common) may not be claimed as innovation credits.
 - 7) Multiple activities or practices whose sum is innovative can be considered for an innovation credit as long as those activities or practices are related. For example, three innovative waste reduction programs in research laboratories could be listed together under a single innovation credit for Greening Laboratories. Listing a series of unrelated accomplishments or events under a single innovation credit is not accepted.
 - 8) While the practices that led to receiving an award may be appropriate for an innovation credit, winning awards and/or high sustainability rankings in other assessments is not, in and of itself, grounds for an innovation credit.
 - 9) Outcomes, policies, and practices that are innovative for the institution's region or school type are eligible for innovation credits.
 - 10) When the innovation is part of a partnership, the summary provided must clearly describe the institution's role in the innovation.
-

"---" indicates that no data was submitted for this field

A brief description of the innovative policy, practice, program, or outcome :

UC Davis West Village is a new campus neighborhood located on UC Davis land adjacent to the core campus in Davis, California. It is designed to enable faculty, staff and students to live near campus, take advantage of environmentally friendly transportation options, and participate fully in campus life.

UC Davis West Village ultimately will be an approximately 200-acre development with nearly 3,000 students and approximately 500 single family houses for faculty and staff. Apartments for the first 800 students opened in August 2011 and approximately 500 students

will occupy the next round of apartments slated to open in August 2012. Deep energy efficiency measures combined with onsite solar photovoltaic energy generation will achieve the goal of zero net energy from the grid on an annual basis for these apartments. The faculty and staff housing are about a year away. Full build out of the community will occur over the next several years.

The design and implementation of UC Davis West Village is founded on three core principles:

- **Housing Availability** - New housing options will enable faculty and staff to purchase new homes locally, at below market prices, and will expand the choices for students to live near campus.
- **Environmental Responsiveness** - Sustainable design of the site and the buildings will reduce reliance on cars, limit energy consumption, enable energy production, and contribute to a healthy environment.
- **Quality of Place** - A network of open spaces, parks, gardens, pathways and courtyards will provide the attributes and character of traditional Davis neighborhoods.

Unique Features:

- UC Davis West Village is the largest planned zero net energy community in the United States. It is on track to demonstrate, for the first time, that zero net energy is practical on a large scale.
- The \$280 million project is made possible by an innovative public-private partnership; it is supported with nearly \$7.5 million in federal and state grants to study zero net energy systems.
- Energy efficiency measures have reduced projected energy demand by approximately 50 percent as compared to current building code requirements. Renewable energy will meet the remaining energy needs on an annual basis.
- The project draws on the expertise of UC Davis faculty and research centers for selecting deep energy efficiency measures and implementing renewable energy generation.
- UC Davis has partnered with Sacramento City College, Davis Center to create the first community college center on a UC campus.
- Located west of the core campus, ease of pedestrian, bicycle and transit access to the main campus and greater community. The community is served by Unitrans, the campus-city bus service, and as UC Davis West Village matures, residents may not purchase a parking permit on campus.
- UC Davis West Village will be a “living learning laboratory” as residents experience firsthand the benefits of reducing consumption through energy efficiency, conscientiously managing their own use of electricity, and harnessing the sun's energy to power their life.

A letter of affirmation from an individual with relevant expertise :

[STARS_West_Village_Letter_ASE.pdf](#)

The website URL where information about the innovation is available :

<http://westvillage.ucdavis.edu/>

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

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-

"---" indicates that no data was submitted for this field

A brief description of the innovative policy, practice, program, or outcome :

Taking the UC Davis Bicycling Infrastructure to the Next Level with BEEP, Bike Garage and Bike Hub

In March 2011, UC Davis was awarded the Bicycle Friendly University designation at the Gold level from the League of American Bicyclists, placing UC Davis in the top 3 nationally. UC Davis has up to 20,000 bicycles on campus during an average day and has developed many innovative bicycle infrastructure solutions. The campus has a closed core, which prohibits public vehicles from the central campus (about 1 mile by ½ mile in size). The campus has a full-time Bicycle Coordinator in the Transportation and Parking

Services unit. The Bike Barn on campus runs a full-service bike repair and rental shop, loans repair tools for free, offers bike repair classes, and is instituting a mobile bike repair program. A recent Bike and Transit Network Study details a comprehensive improvements plan. The campus maintains over 42 miles of bike paths and 20,000 bike parking spaces.

Building upon those accomplishments, UC Davis is pushing to the next level of infrastructure with BEEP, a comprehensive bicycle education and enforcement program; the Bike Garage, a do-it-yourself bike repair station; and Bike Hub, a satellite bike accessory store.

The Bicycle Education and Enforcement Program (“BEEP”) was launched in October, 2011, on the UC Davis campus. It is the result of two-year collaboration between the UC Davis Police Department and the office of Transportation and Parking Services (TAPS). The goal of the program is to increase safety for bicyclists, pedestrians and motorists on the UC Davis campus and throughout the community with the expectation that a safer cycling environment will encourage more students, staff and faculty to choose the bicycle as their primary commuting mode. Campus Travel Surveys reveal that a significant number of potential bicycle commuters are reluctant to adopt cycling as their primary mode out of concern for their safety. In many cases, this concern is based more on a fear of being involved in a crash with incompetent, inexperienced and/or scofflaw cyclists than in any feeling of personal inability to ride in a safe manner.

Over the past two decades, fines for bicycle traffic violations in Yolo County have increased tenfold to an average of \$200 today. Law enforcement officers are often reluctant to write tickets resulting in such hefty penalties. Consequently, enforcement of bicycle traffic laws on campus had become sporadic and unfocused.

The BEEP program provides an innovative solution to this problem by offering traffic violators the option of participating in an online “bicycle traffic school” at a cost of \$70 which, when completed satisfactorily within fourteen days of being ticketed, results in the citation being waived. Not only do violators realize a significant cost savings, they receive bicycle safety information through the online course which covers basic traffic and equipment rules as well as tips for safe, efficient and comfortable bicycle commuting.

An additional benefit of the program is that anyone can go online and take the course at any time. The online traffic school is becoming one of the primary bike safety educational outreach opportunities that will be marketed especially to incoming students with incentives provided to encourage participation and increase our cycling mode share. For example, the system allows department to identify “visitors” who complete the traffic school and enter their university identification information. Those names can be entered into a drawing for prizes or they can be offered rewards such as discount coupons, bike accessories, or similar incentive items.

Also supporting the goals of promoting safe bicycling and an increased mode share of bicycling are both the Bike Garage and the Bike Hub. The Bike Garage, located on the first floor of a parking structure, offers most of the tools needed for do-it-yourself bike repairs, and is free to students, staff and faculty with a valid UC Davis i.d. Opened in September 2009, the Bike Garage had helped over 10,000 customers by March 2011. The Bike Garage has at least one fully trained mechanic on-site to assist with repairs and provide advice. For more information about the Bike Garage, including hours, visit

<http://bikebarn.ucdavis.edu/bike-garage>

The Bike Hub is the Bike Barn's satellite bicycle accessory store in the student union. The Bike Hub offers basic bicycle accessories, such as front and rear lights, which promote safe and legal bicycling. The Bike Hub is located inside the student union, where the popular Coffee House and student bookstore are located, and is open Monday through Friday. The Bike Hub extends access to affordable safety-promoting bicycle equipment. For more information about the Bike Hub, including hours, visit

<http://bikebarn.ucdavis.edu/bike-hub>

A letter of affirmation from an individual with relevant expertise :

[STARS_BEEP_ASE.pdf](#)

The website URL where information about the innovation is available :

<http://bikesafety.ucdavis.edu/>

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

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-

"---" indicates that no data was submitted for this field

A brief description of the innovative policy, practice, program, or outcome :

Creative Reuse of Waste

UC Davis is always thinking of ways to turn waste into an asset: First it was olives, then it was waste oil from milling and wood from felled trees and prunings, and now, it's landscape trimmings.

University Catering | UC Davis Dining Services sought a way to improve the sustainability of the floral arrangements used as decor at catered events and in various campus dining operations. Through collaboration with UC Davis Campus Grown and UC Davis Grounds and Landscape Services campus grown clippings were sourced for this purpose. Grounds and Landscape Services were already regularly pruning campus trees, flowers and shrubs for the health of the plants. Dining Services challenged them to selectively prune ornamental clippings for exclusive use in greenery and floral arrangements that could be used at special events and in campus dining operations as décor. The initiative of the Campus Grown program is to transform unused assets into retail products designed to support and promote university programs and sustainability goals. The compatibility of these goals led to the successful innovation behind Campus Grown Greenery.

UC Davis Dining Services strives to strengthen the UC Davis community through featuring campus grown and produced items in dining operations. These efforts also aim to maximize on-campus resources and increase the amount of sustainable and locally produced food and products used. Campus grown and produced items also provide educational opportunities for students, staff, faculty and campus dining guests and increased knowledge and transparency about food and horticulture production and sustainability on the UC Davis campus.

The partnership between Dining Services and Campus Grown has increased the visibility of these programs and products and given the campus community the opportunity to enjoy and experience them in their daily dining experiences and at special events. It has also brought a valuable source of revenue to UC Davis Grounds and Landscape Services.

In addition to repurposing landscape prunings, faculty and students have championed another means of creative reuse. Rescued from the landfill, funky things and perfectly useful materials find a new life at the Aggie ReStore. Design professor Ann Savageau teaches a sustainable design class in which students design new products from things considered waste, and the class led to the idea of opening a retail shop to divert materials from landfills and redistribute them at low cost for reuse or repurposing, and to also offer a venue for students to sell their handcrafted items made from recycled materials. Professor Savageau and several students opened the Aggie ReStore in the student union in January 2012.

For further information:

Olives:

http://goodlife.ucdavis.edu/olive_products/

Olive oil body products from waste milling oil:

http://www.news.ucdavis.edu/search/news_detail.lasso?id=9681

Turned bowls from felled trees and prunings:

http://goodlife.ucdavis.edu/campus_grown/

Arrangements from landscape prunings:

http://campusgrown.ucdavis.edu/local_resources/documents/campus_grown_press_release_052411.pdf

Aggie ReStore:

<http://aggierestore.ucdavis.edu/>

and

<http://ucdavis.edu/ucdavis-today/archive/20120127-restore.html>

A letter of affirmation from an individual with relevant expertise :

[STARS_Creative_Reuse_of_Waste_ASE.pdf](#)

The website URL where information about the innovation is available :

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

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-

Submission Note:

The map is online at

<http://campusmap.ucdavis.edu/sustainability/>

and has a companion page at

<http://sustainability.ucdavis.edu/map/index.html>

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---" indicates that no data was submitted for this field

A brief description of the innovative policy, practice, program, or outcome :

Online, Interactive Campus Sustainability Map

Going beyond the usual online map, the comprehensive, interactive UC Davis Campus Sustainability Map links the campus visitor map to campus sustainability. From helping people find out where to pump up a flat tire to forming the basis for two self-guided sustainability tours, a walking tour and a bicycling tour, the map visually demonstrates the span of sustainability efforts at UC Davis.

The following is taken from a blog post that introduced the campus map, and provides a helpful, yet brief, description of the project:

The interactive campus sustainability map can be used to find places or things on campus that express or demonstrate ways that UC Davis and the campus community are taking action towards creating a more sustainable future.

Users can start with the map introduction and points page and explore by clicking whole categories of points open (such as green buildings or recycling), or start with the sustainability map and by clicking the "Sustainability Information" link for each point, jump to the map introduction and points page for more information.

The map is not exhaustive and is a living document. The mapmakers hope that members of campus will suggest points and additional information through either emailing

sustainability@ucdavis.edu

, or submitting comments on this blog post about the map.

The sustainability map project has been in the making for a while and has included students from an Education for Sustainable Living Program Action Research Team led by the campus sustainability planner, Camille Kirk, who initially conceived of the project after being involved with making a green map. Campus mapmaker and GIS specialist, Chris DiDio, has been a key partner in making this map, which is a companion map to the campus map.

DiDio has searched for other campus "green" and sustainability maps and has not found another online map as extensive as the UC Davis sustainability map, saying: "I believe this is a unique map at this time for its depth and breadth."

The campus sustainability map was launched Tuesday, May 31, 2011 at the annual California Student Sustainability Coalition Sustainability Summit.

UC Davis feels that this map is an example of an innovative best practice because it has taken the campus sustainability map to new level. It is interactive, quite comprehensive, and because it is online, it can be readily accessed at any time. It uses a free (Google) platform with some additional and reasonable programming to support the pop-up boxes and customized icons. The sustainability map is a companion to the online campus map (

<http://campusmap.ucdavis.edu>

). It is a strong tool for visually portraying sustainability efforts on a campus, creating sustainability tours, and spatially documenting aspects of campuses that further goals towards more sustainable colleges and universities. Finally, it is a great way to engage students in learning more about their campus, and because it is online, it can be amended and added to easily, which encourages the campus community to contribute new points and help with keeping the map up-to-date by sending news of changes "in the field" to points. We have received just that sort of feedback since launching the map.

A letter of affirmation from an individual with relevant expertise :

[STARS_Online_Sustainability_Map_ASE.pdf](#)

The website URL where information about the innovation is available :

<http://campusmap.ucdavis.edu/sustainability/>

Supplemental

Supplemental Data

The supplemental section includes reporting fields that are not part of STARS, but that have been requested by campus survey organizations (the Sustainable Endowments Institute, The Princeton Review, and Sierra magazine). Institutions that wish to share their data with one or more of these organizations should complete the fields in full or contact the relevant organization(s) for guidance regarding minimum reporting requirements.

Credit
New Student Orientation
Food Education
Food and Beverage Purchases
Confinement-Free Food Purchases
Vegetarian-Fed Food Purchases
Hormone-Free Food Purchases
Seafood Purchases
Dishware
Energy Initiatives
Energy Use by Type
Procurement
Bike Sharing
Water Initiatives
Endowment
Sustainability Staffing

New Student Orientation

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution provides details about how it incorporates sustainability into new student orientation.

"---" indicates that no data was submitted for this field

Does new student orientation include presentations, speakers, or skits that address sustainability and take place in large venues that most or all first-year students attend? :

Yes

Provide a brief description of the presentations, speakers or skits :

Students are introduced to the Go Zero Waste by 2020 campaign in summer orientation and in Fall Welcome. The concept of sustainability is integrated in many presentations.

Does new student orientation incorporate sustainability information into presentations (e.g., made by Residential Advisors to individual dorm floors)? :

Yes

Provide a brief description of the presentations :

. Sustainability concepts are in Community Development 1 and Community Development 2 meetings that are held by the Resident Advisors and are mandatory for residents to attend.

Does new student orientation actively engage students in activities that raise awareness about sustainability, highlight how sustainability plays out on campus, or allows students to take part in a productive green activity? :

Yes

Provide a brief description of the activities :

All catered events throughout orientation are zero waste events. When residents eat in the dining facilities, they are exposed to numerous educational materials about local purchasing, going meat-less, and eating healthy. The resource fair, as part of Fall Welcome, includes a variety of sustainability-focused and -related groups including the Student Housing Sustainability Interns that work directly with students living in the residence halls.

Does the institution make new student orientation more sustainable via efforts such as a zero-waste meal or carbon offsets? :

Yes

Provide a brief description of the efforts :

All meals in the dining facilities and catered events are designed to be zero waste.

Does the institution incorporate sustainability into new student orientation in other ways? :

Yes

Provide a brief description :

Student Housing makes an effort to ensure all events are zero waste. There is a lot of passive education with websites, posters, and similar materials that are made available to educate students on sustainable practices.

Food Education

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution provides education about eco-positive food and gardening techniques.

"---" indicates that no data was submitted for this field

Are students educated in an academic class about how to make eco-positive food choices? :

Yes

Provide a brief description :

Food Science and Technology 10, an undergraduate course, covers a variety of food science, folklore and health topics, including organic foods and vegetarianism. In addition, UC Davis students can choose to major in Sustainable Agriculture and Food Systems.

Are students educated in dining facilities about how to make eco-positive food choices? :

Yes

Provide a brief description :

UC Davis offers many gardens, large and small, for campus and community members to be involved with organic or sustainable gardening. Among them are the Student Farm, the Experimental College Community Garden, the Plant and Environmental Sciences Salad Bowl Garden, and the Resident Garden at Segundo.

The Resident Garden at Segundo is a space for all on-campus residents to learn about edible plants, how they are grown and cared for and how they can be prepared after harvesting! The garden also provides an opportunity for student leadership and community involvement. The Resident Garden is located in the Segundo Resident Area between Bixby Hall and Segundo Dining Commons.

In 1977, UC Davis students created the Student Farm to get hands-on experience in sustainable agriculture. It is now a certified organic farm, with a popular Community Supported Agriculture program, Student Harvests, that has a wait list, and a Market Garden, which sells produce to the Coffee House, Dining Services, and at the on-campus Farmers Market. It is also a key resource for and part of the new Sustainable Agriculture and Food Systems major.

Are students educated during orientation about how to make eco-positive food choices? :

Yes

Provide a brief description :

Menu signage in the dining facilities help students make choices that may be more eco-positive, whether it be to eat lower on the food chain (vegan/vegetarian menu coding), choose less processed and/or more nutrient dense foods (Happy Healthy Apple menu coding) or items that are local and/or sustainable (menu descriptors or grower profiles at platforms).

Are students educated in other venues about how to make eco-positive food choices? :

Yes

Provide a brief description :

During their time in the dining halls during freshman and transfer student orientation, there is a lot of information provided about how to 'navigate' their way through the Resident Dining facilities. The focus is on healthful choices, sustainable choices and balanced plates.

Is there a program by which students are encouraged to and/or taught how to grow their own food? :

Yes

Provide a brief description of the program :

The Resident Garden at Segundo is a space for all on-campus residents to learn about edible plants, how they are grown and cared for and how they can be prepared after harvesting! The garden also provides an opportunity for student leadership and community involvement.

Food and Beverage Purchases

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution provides details of its food and beverage purchases.

Submission Note:

The total food and beverage expenditures spent by dining services to procure items from on-campus organic garden(s) is as follows:

UC Davis Student Farm - \$7,663.05

UC Davis Russell Ranch - \$15,140

"---" indicates that no data was submitted for this field

The percentage of food and beverage expenditures that were processed within 100 miles of the institution by a company that is not publicly traded :

5

The percentage of food and beverage expenditures that were grown within 100 miles of the institution :

5

List what tool your institution is using to track this information (e.g. Center for Environmental Farming Systems or CBORD) :

Tool originally developed by UC Davis students within the Graduate School of Management to track purchases for reporting percent of sustainable food spend to the University of California Regents. Modified and adjusted by Dani Lee within UC Davis Dining Se

List items procured for dining services from on-campus organic garden(s) :

- processing tomatoes
- fresh produce
- fresh herbs
- tree fruit (occasionally)

The percentage of total food and beverage expenditures spent by dining services to procure items from on-campus

organic garden(s) :

List all Fair Trade certified items purchased :

Coffee, Sugar, Chocolate, Ice Cream (Fair Trade ingredients), Bananas

Confinement-Free Food Purchases

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution provides details of its confinement-free animal product purchases.

"---" indicates that no data was submitted for this field

Type of cage-free / free-range eggs purchased :

All eggs purchased are cage free: - all liquid, pasteurized eggs come from Abbotsford Farms and are American Humane Certified and Cage-free - all whole, shell eggs come from Glaum Egg Ranch and are Certified Humane, Raised & Handled, locally produced and

Percentage purchased :

100

Comments :

Type of confinement-free product purchased (1st product) :

Glaum Egg Ranch, whole shell cage-free eggs

Percentage purchased (1st product) :

100

Comments (1st product) :

Type of confinement-free product purchased (2nd product) :

Abbotsford Farms, liquid pasteurized cage free eggs

Percentage purchased (2nd product) :

100

Comments (2nd product) :

100% of all liquid, pasteurized egg purchases

Type of confinement-free product purchased (3rd product) :

Mary's Free Range Chicken & Turkey

Percentage purchased (3rd product) :

2.60

Comments (3rd product) :

2.6% of all poultry purchases

Type of confinement-free product purchased (4th product) :

Food Alliance Certified Pure County Pork

Percentage purchased (4th product) :

12.46

Comments (4th product) :

12.46% of all pork purchases

Vegetarian-Fed Food Purchases

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution provides details of its vegetarian-fed animal product purchases.

"---" indicates that no data was submitted for this field

Type of vegetarian-fed product purchased (1st product) :

Food Alliance Certified Country Natural Beef

Percentage purchased (1st product) :

12.32

Comments (1st product) :

12.32% of all beef purchases

Type of vegetarian-fed product purchased (2nd product) :

Mary's Free Range Turkey and Chickens

Percentage purchased (2nd product) :

2.06

Comments (2nd product) :

2.06% of all poultry purchases

Type of vegetarian-fed product purchased (3rd product) :

Food Alliance Certified Pure Country Pork

Percentage purchased (3rd product) :

12.46

Comments (3rd product) :

12.46% of all pork purchases

Type of vegetarian-fed product purchased (4th product) :

Abbotsford Farms Cage-Free Eggs

Percentage purchased (4th product) :

100

Comments (4th product) :

100% of all liquid pasteurized eggs

Type of vegetarian-fed product purchased (5th product) :

Glaum Egg Ranch Cage-Free Eggs

Percentage purchased (5th product) :

100

Comments (5th product) :

100% of all whole, shell eggs

Hormone-Free Food Purchases

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution provides details of its hormone-free animal product purchases.

"---" indicates that no data was submitted for this field

Type of hormone-free product purchased (1st product) :

Food Alliance Certified Country Natural Beef

Percentage purchased (1st product) :

12.32

Comments (1st product) :

12.32% of all red meat

Type of hormone-free product purchased (2nd product) :

Food Alliance Certified Pure Country Pork

Percentage purchased (2nd product) :

12.46

Comments (2nd product) :

12.46% of all pork purchases

Type of hormone-free product purchased (3rd product) :

Mary's Free Range Chicken & Turkeys

Percentage purchased (3rd product) :

2.60

Comments (3rd product) :

2.6% of all poultry purchases

Type of hormone-free product purchased (4th product) :

Clover Stornetta Dairy Products

Percentage purchased (4th product) :

48.84

Comments (4th product) :

48.84% of all milk and ice cream purchases

Type of hormone-free product purchased (5th product) :

Abbotsford Farms and Glaum Egg Ranch cage-free eggs

Percentage purchased (5th product) :

100

Comments (5th product) :

100% of all eggs purchased

Seafood Purchases

Responsible Party

Danielle Lee
Sustainability Manager
Dining Services

Criteria

Institution provides details of seafood products purchased that meet Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines.

"---" indicates that no data was submitted for this field

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (1st product) :

Cod

Percentage purchased (1st product) :

18

Standard used (1st product) :

MBASW

Comments (1st product) :

The percentage is based on all seafood purchases.

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (2nd product) :

Swai

Percentage purchased (2nd product) :

26.80

Standard used (2nd product) :

MBASW

Comments (2nd product) :

The percentage is based on all seafood purchases.

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (3rd product) :

Bass

Percentage purchased (3rd product) :

6.20

Standard used (3rd product) :

MBASW

Comments (3rd product) :

The percentage is based on all seafood purchases.

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (4th product) :

Lobster

Percentage purchased (4th product) :

14.50

Standard used (4th product) :

MBASW

Comments (4th product) :

The percentage is based on all seafood purchases.

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (5th product) :

Prawn

Percentage purchased (5th product) :

15

Standard used (5th product) :

MBASW

Comments (5th product) :

The percentage is based on all seafood purchases.

Responsible Party

Danielle Lee
Sustainability Manager
Dining Services

Criteria

Institution provides details of the dishware its provides at its dining services locations.

Submission Note:

All Resident Dining commons have reusable dishware. Reusable dishware is also available through University Catering. UC Davis Dining Services also partners with Student Housing to provide Resident Advisors reusable dishware for their resident hall meal socials - the Aggie Ware program. Kits of dirty dishes are returned to Dining Services for washing and composting of food waste in exchange for clean dishware kits.

Only Resident Dining commons have reusable beverage cups, reusable side-salad bowls and reusable Asian soup spoons. Plastic, disposable cold-beverage cups across various retail locations on campus and #1 rPETE plastic cups in catering and select retail locations.

rPETE 50% PCW plastic cups, 10% recycled content in hot beverage cups, and 100% recycled content in napkins.

Biodegradable/compostable dishware is available for zero-waste facilities, Gunrock Pub, Scrubs cafe, the Resident Dining Commons and all events catered by University Catering/UC Davis Dining Services. In addition, the UC Davis Coffee House offers biodegradable/compostable dishware.

"---" indicates that no data was submitted for this field

Does the institution offer reusable dishware at its dining services locations? :

Yes

Does the institution offer plastic dishware at its dining services locations? :

Yes

Does the institution offer polystyrene (Styrofoam) dishware at its dining services locations? :

No

Does the institution offer post-consumer recycled content dishware at its dining services locations? :

Yes

Does the institution offer biodegradable / compostable dishware at its dining services locations? :

Yes

Does the institution offer other types of dishware at its dining services locations? :

No

Provide a brief description. :

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution provides details about its energy initiatives.

Submission Note:

Emerson Hall & Webster Hall are currently ENERGY STAR labeled and are up for renewal in August. Thoreau Hall is scheduled to apply for its ENERGY STAR label at the same time Emerson & Webster are renewed.

---" indicates that no data was submitted for this field

The percentage of total building space square footage that has undergone energy retrofits or renovations within the past three years :

47

The percentage of overall energy consumption reduced as a result of retrofits and renovations completed within the past three years :

16

The percentage of electricity consumption reduced as a result of retrofits and renovations completed within the past three years :

11

The percentage of thermal energy consumption reduced as a result of retrofits and renovations completed within the past three years :

17

The combined gross square footage of all buildings that were constructed or underwent renovations in the past three years that are ENERGY STAR labeled :

0

The names of all buildings that were constructed or underwent renovations in the past three years that are ENERGY STAR labeled :

The combined gross square footage of all buildings that are ENERGY STAR labeled :

177511

The names of all buildings that are ENERGY STAR labeled :

Emerson Hall

Webster Hall

Energy Use by Type

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution reports its energy use by type.

"---" indicates that no data was submitted for this field

The percentage of total electricity use from coal. :

6.20

The percentage of total electricity use from wind. :

5

The percentage of total electricity use from biomass. :

3.40

The percentage of total electricity use from natural gas. :

34

The percentage of total electricity use from solar PV. :

0.30

The percentage of total electricity use from geothermal. :

5.30

The percentage of total electricity use from nuclear. :

12.30

The percentage of total electricity use from hydro. :

22.90

The percentage of total electricity use from other. :

10.60

Provide a brief description. :

Unspecified sources in CA Power Content: http://www.energyalmanac.ca.gov/electricity/total_system_power.html

The percentage of total energy used for heating buildings from coal. :

0

The percentage of total energy used for heating buildings from biomass. :

0.20

The percentage of total energy used for heating buildings from electricity. :

0

The percentage of total energy used for heating buildings from natural gas. :

99.40

The percentage of total energy used for heating buildings from geothermal. :

0

The percentage of total energy used for heating buildings from fuel oil. :

0.30

The percentage of total energy used for heating buildings from other. :

0

Provide a brief description. :

If cogeneration, please explain. :

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution provides details about its procurement efforts.

Submission Note:

The percentage of institutionally purchased appliances that are ENERGY STAR rated (of eligible appliance categories) is not yet tracked.

Expenditures include paper purchases from the primary office supply contractor as well as bulk paper purchases for the central printing operation (Repro Graphics). There may be additional unreported paper purchases from authorized sources, but this would be a negligible percentage of the overall purchases reported here.

The institution policy to purchase ENERGY STAR appliances can be found at:
http://sustainability.universityofcalifornia.edu/documents/policy_sustain_prac.pdf
, section VII and
<http://manuals.ucdavis.edu/PPM/350/350-10.PDF>
, section III.C.

The institution policy that requires vendors to use less packaging can be found at:
http://sustainability.universityofcalifornia.edu/documents/policy_sustain_prac.pdf
, section VII and
<http://manuals.ucdavis.edu/PPM/350/350-10.PDF>
, section III.G.

"---" indicates that no data was submitted for this field

The percentage of institutionally purchased appliances that are ENERGY STAR rated (of eligible appliance categories) :

Does the institution have a policy to purchase ENERGY STAR appliances whenever possible? :

Yes

The percentage of expenditures on Forest Stewardship Council (FSC) certified office paper (US/Canadian dollars) :

41

Does the institution's vendor code or policy require vendors to use less packaging? :

Yes

Bike Sharing

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution reports the number of bicycles available through bike sharing programs.

Submission Note:

Through department bike shares on campus, 6 bicycles are available for use for employees of Student Housing; at least 10 bicycles in good working order at multiple locations are available to employees of the Administrative and Resource Management unit, and at least one bicycle in good working order is available to employees of the Extension office.

The UC Davis Bike Barn makes bicycles available for rent.

<http://bikebarn.ucdavis.edu/what-we-do/rentals>

"---" indicates that no data was submitted for this field

The number of bicycles available through bike sharing programs :

10

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution provides details about its water initiatives.

Submission Note:

UC Davis has taken steps to provide alternatives to bottled water and educate the campus community, instead of implementing a ban on the product due to a concern that individuals may purchase a potentially less healthy alternative. Student Housing has provided a free stainless steel bottle to every resident for the last four years, which means most undergraduates currently on campus have received a reusable container. In addition, there are about thirty units, designed to fill water bottles, on campus that provide free, filtered water. During the 2011 new student orientation fair, there was a water-tasting booth where it was demonstrated that bottled water does not always taste better and students were informed about the filtered water dispensers in their residence hall.

9 urinals (in two buildings) are waterless. There is an operational cost to waterless urinals that may outweigh the sustainability benefits of reduced water consumption, such as costs associated with cleaning time, cleaning chemicals, and replacement cartridges. Additionally, the existing plumbing in some buildings prevents the installation of waterless urinals.

"---" indicates that no data was submitted for this field

Is there is a ban or restriction on selling or distributing bottled water on campus? :

No

Provide a brief description of any bottled water ban or restriction :

Does the institution meter any of its non-potable water usage? :

Yes

The percentage of urinals on campus that are waterless :

Endowment

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution provides details about its endowment.

"---" indicates that no data was submitted for this field

The institution's total endowment market value as of the close of the most recent fiscal year :

201134860 US/Canadian \$

Date as of :

Does the institution offer donors the option of directing gifts to an investment fund that considers environmental/sustainability factors? :

No

If yes, or if currently under consideration, provide a brief description :

Has the institution made investments in on-campus energy and/or water efficiency projects through the endowment (as an endowment investment and not a payout or using operating budget funds) :

No

Size of capital commitments made within past 3 years :

Provide a brief description :

Does institution lack the ability to vote proxies on environmental and social resolutions, as the entire equity holdings of the endowment are invested in mutual funds (e.g. CommonFund, Fidelity, Vanguard)? :

Yes

Does the institution lack the ability to vote proxies on corporate governance resolutions, as the entire equity holdings of the endowment are invested in mutual funds (e.g. CommonFund, Fidelity, Vanguard)? :

Yes

Do investment managers handle the details of proxy voting on environmental and social resolutions? :

Yes

Do investment managers handle the details of proxy voting on corporate governance resolutions? :

Yes

Are investment managers provided with general guidelines that determine proxy votes on environmental and social resolutions? :

No

Are investment managers provided with general guidelines that determine proxy votes on corporate governance resolutions? :

No

Are investment managers provided with specific guidelines that determine proxy votes on environmental and social resolutions? :

No

Are investment managers provided with specific guidelines that determine proxy votes on corporate governance resolutions? :

No

Does a single administrator determine proxy votes on environmental and social resolutions? :

No

Does a single administrator determines proxy votes on corporate governance resolutions? :

No

Does a committee of administrators and/or trustees deliberate and make decisions on proxy votes on environmental and social resolutions? :

No

Does a committee of administrators and/or trustees deliberate and make decisions on proxy votes on corporate governance resolutions? :

No

Does a committee that includes student representatives deliberate and make recommendations or decisions on proxy

votes on environmental and social resolutions? :

No

Does a committee that includes student representatives deliberate and make recommendations or decisions on proxy votes on corporate governance resolutions? :

No

Is institution community feedback incorporated into proxy voting decisions on environmental and social resolutions through town hall meetings or a website? :

No

Is institution community feedback incorporated into proxy voting decisions on corporate governance resolutions through town hall meetings or a website? :

No

Sustainability Staffing

Responsible Party

Camille Kirk

Sustainability Planner

Environmental Stewardship and Sustainability

Criteria

Institution reports the amount of weekly time worked by people employed in the sustainability office, if applicable (in full-time equivalent).

Submission Note:

The UC Davis Environmental Stewardship and Sustainability office employs more than 7 FTE employees, and across the whole campus, there are more than 122 FTE employees with sustainability-related responsibilities, including sustainable transportation, student housing and dining services sustainability coordinators, energy management engineers, and other roles.

"---" indicates that no data was submitted for this field

The amount of weekly time worked by people employed in the sustainability office (in full-time equivalent) :

7

FTE staff on payroll :

4

FTE student intern/fellow :

3