University of California, Berkeley

The following information was submitted through the Campus Sustainability Data Collector to be shared with Sierra magazine for consideration in their Cool Schools publication.

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Table of Contents

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

Lisa McNeilly
Director
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.

Submission Note:

Total number of degree-seeking students includes all full-time undergraduate and graduate students. Number served by the program is approximate.

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

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

35218

Program name (1st program) :

Residential Sustainability Program

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

6000

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

The Residential Sustainability Program (RSP), a student-run program in the campus residence halls, is a dedicated group of coordinators and volunteers who aim to promote sustainable living habits through peer education.

Mission

To educate and inform residents about the importance of a sustainable lifestyle and to make lasting proactive changes in the environments that we live in.

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

Coordinators and Educators apply for the positions. RSP volunteers are appointed in the beginning of the academic year for a two-semester term.

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

Volunteers meet with facility managers to discuss pertinent issues and awareness programming, attend bimonthly meetings with the campus-hired RSP supervisors within Campus Recycling and Refuse Services and the rest of the RSP team. Together they design outreach, implement ideas, and get the word out to residents that preserving the environment is important.

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

See above. Coordinators and Educators are paid positions, funded by Cal Housing.

The website URL for 1st Program :

http://www.housing.berkeley.edu/green-rssp/program.html

Program name (2nd program) :

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

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

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

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

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

The website URL for 2nd program :

Program name (3rd program) :

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

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

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

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

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

The website URL for 3rd program :

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

Lisa McNeilly
Director
Sustainability

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) :
Blackout Battles

A brief description of the campaign(s) :

Green Campus hosts "Blackout Battles,"an energy-saving competition between the Unit 1-4 residence halls at UC Berkeley. The competition occurs bi-annually, from October 1 to December 1 and February 1 to April 1 with the message that simple behavior changes in residential living can add up to significant energy savings.

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

Typical savings in a two month period can be found below (fall 2011 example)ranged from a 6% to a 16% reduction in energy use.

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

http://mypower.berkeley.edu/howitworks/pdfs/GreenCampusCaseStudy(BlackoutBattles).pdf

Sustainability in New Student Orientation

Responsible Party

Lisa McNeilly
Director
Sustainability

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Sustainability Outreach and Publications

Responsible Party

Lisa McNeilly
Director
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 :

The main sustainability site includes detailed information on all aspects of sustainability on campus and links to many relevant organizations and websites. It is maintained by the Office of Sustainability.

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

http://sustainability.berkeley.edu/

Does the institution have a sustainability newsletter? :

Yes

A brief description of the sustainability newsletter :

The Office of Sustainability has distributed a monthly (or bi-monthly) newsletter since 2008. Around 2,000 faculty, staff, and students are signed up to receive the newsletter.

The website URL for the sustainability newsletter :

http://sustainability.berkeley.edu/os/pages/newsletter/index.shtml

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

No

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

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

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

No

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

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

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 :

Cal Dining offers significant signage and information on its many sustainable food offerings.

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

http://caldining.berkeley.edu/community.html

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

No

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

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

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

Yes

A brief description of the sustainability walking map or tour :

Appreciate all of the campus work in action by partaking in a self-guided 1-hour tour of campus sustainability features. The Office of Sustainability has produced an info-sheet, map, and legend based on original walking tours provided by Chancellor's Advisory Committee on Sustainability (CACS).

The website URL of the sustainability walking map or tour :

http://sustainability.berkeley.edu/os/pages/talkinglouder/docs/walkingtourletter.pdf

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 :

UC Berkeley offers a comprehensive package of alternative commute programs to encourage the use of alternative transportation, with the goal of reducing traffic and parking demands, and helping to lessen the impact on the environment.

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

http://pt.berkeley.edu/pay/newdirections

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 :

The "Little Green Book" Project, a new and exciting project done in conjunction with the ASUC, Residential Student Services and Programs, Green Campus, and the Residential Sustainability Program. The project is generously funded by the Chancellor's Green Fund Grant.

The "Little Green Book" Project is now in full swing in the Res Halls and will soon be available to the greater student body.

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

http://www.ocf.berkeley.edu/~lgb/?page_id=223

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)? :

No

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 :

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 :

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

Yes

A brief description of this material :

The myPower program enables students, faculty, and staff to make informed decisions about energy use that will reduce energy costs and return funds to teaching and research. myPower outreach materials include a Facebook page, Twitter account, tip booklets, and more.

The website URL for this material :

http://mypower.berkeley.edu/

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

Yes

A brief description of this material :

Office of Sustainability Facebook page

The website URL for this material :

http://www.facebook.com/pages/UC-Berkeley-Office-of-Sustainability/62295986103

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) :

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 :

Student Group

Responsible Party

Lisa McNeilly
Director
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 :

Universal Love and Peace

ULAP is a community service and social justice group that has raised over 36 K for both domestic and foreign human rights causes. In unison with supporting groups, ULAP achieves this goal through community service, musical and dancing performances, demonstrations, fundraising events, speeches, weekly tutoring (including SAT tutorials), and human rights proposals for legislative change. We also teach leadership and human rights decals. Many of our community service projects have dealt with sustainability. We have had decal students help with coastal clean ups. We also worked with an organization called, Drill Baby Still. We did our best to raise awareness about BP Oil Spills. ULAP members helped create posters protesting the Oil Spills. ULAP members are featured in this video:

universalloveandpeace@gmail.com

Green Campus
greencampus.berkeley.edu
A student-run internship program that works to increase campus sustainability, especially focusing on energy and water. We increase general awareness, incorporate energy conservation and efficiency into course curricula (we teach the Energy DeCal!), and implement projects targeting energy use, purchasing decisions, and operational changes. Some of our current projects include the "Blackout Battles" energy saving competition in the dorms, a sustainable laundry campaign, Green Department Certification on campus, facilitating a 2-unit Energy DeCal each semester, lighting retrofits, and green workforce events.
General information:

BerkeleyGreenCampus@gmail.com

California Student Public Interest Research Group (CALPIRG)

http://www.calpirgstudents.org/berkeley

CALPIRG is offering three different campaigns right now: one is focused on the political aspects of global warming solutions, another is working on increasing energy efficiency through community outreach and educating K-12 students, and the last is focusing on the issue of ocean pollution.

Caitlina Catalano:

caitlinanncatalano@gmail.com

Conservation and Resource Studies Student Organization (CRSSO)

CRSSO exists to facilitate a community among CRS majors and supplement educational activities. Some of CRSSO's major activities include sponsoring a mentor system for ESPM 90 and holding monthly potlucks.

Michal Karmi:

mkarmi@berkeley.edu

BOAA - Berkeley Organization of Animal Advocacy The Berkeley Organization for Animal Advocacy is the campus' only social justice group dedicated to raising awareness about issues of animal oppression. We, at BOAA, firmly stand against the abusive, gendered, and exploitative nature of the treatment of animals in our society. We believe that the ills of factory farming are felt not only by non-human animals, but also by the environment, people of color, low income people, and the health and culture of our society. As a group, we are dedicated to raising awareness and promoting compassionate, socially just, and sustainable diets, and advocating for the liberation of animals from systems of human oppression. We meet on Thursdays, at 7 pm in 104 Dwinelle. We have the Conscious Eating Conference on February 18 at MLK. The event is free for students. Check it out here:

http://www.upc-online.org/forums/2012/

Amman Desai:

ammandesai@gmail.com

Green Certification Auditing Team

A.S.U.C Green Certification identifies and recognizes student groups that have taken extra steps to have greener practices and lower their environmental footprint. The program identifies a set of conditions and actions – some optional and some required –that groups choose to take. Certification is contingent on documenting all of the required pre-requisite criteria and a [currently unspecified number] of the total optional criteria. Certification is good for 1 year; criteria and other requirements may change over time.

wenpei.w@berkeley.edu

The Coalition to Fight Factory Farming

The Coalition to Fight Factory Farming is a non-profit group founded by a UC Berkeley alumna. CFFF is dedicated to educating the public about the impacts of industrial animal agriculture on animals, workers, the environment, and public health. Factory farming corporations stay in business by hiding their practices from consumers, while passing on the environmental and public health costs to the very people who pay for their products. Our goal at CFFF is to spread awareness and empower the public to make informed, conscious food choices

Katie Cantrell:

fightingfactoryfarming@gmail.com

ASUC Sustainability Team

The Sustainability Team is a special program in ASUC established in Fall 2005. As a team, we create and implement a variety of projects that help establish sustainable practices and promote environmental awareness on campus. Project committees within STeam work as a tight unit to accomplish their goals, and leadership capacity is shared equally. STeam is headed by the ASUC Director of Environmental Sustainability (DES) and is institutionalized in the ASUC constitution (Title 26: ASUC Environmental Sustainability).STeam meets every week to update each other on the progress of our projects and brainstorm strategies for successful implementation, and project committees break out into small groups to work on their individual projects. STeam members are unpaid and commit a minimum of 5 hours a week to their projects. The team also spends time outside of meetings through our Steam Socials and Community Service days a few times per semester.

Upcoming event: Focus the Nation Forum is 100% Clean Energy Possible for UC Berkeley? February 7th, 6-9PM in Eshleman Library A FREE forum and collaborative discussion, featuring keynote speaker, Professor Daniel Kammen! Come be a part of energy innovation in action, and help us answer questions like:

- What are the economic barriers to kicking fossil fuels off campus?
- Can we be "100% clean" if we're still investing in coal?
- How can we get solar panels on campus buildings?
- What kind of renewable energy commitment should we pass in the ASUC?

Judy Li:

judy.li@berkeley.edu

The Local

http://www.facebook.com/groups/local.lovers/

The Local is a weekly produce stand run by UC Berkeley students every Monday. Each Sunday, students from the ASUC Sustainability Team go the Temescal Farmer's market, and buy surplus of whatever is in season from local farmers. Monday from 10 am to 2 pm, these students sell the fresh fruit and vegetables on Upper Sproul, right outside of MLK at the same bulk prices they paid the farmers. Not only does this help these family farms, but it also makes it convenient for the campus community to have access to the freshest, healthiest, most local, and most delicious food in the bay area! Mickey Davis:

mickeyd@berkeley.edu

Take Back the Tap

An initiative to end the sale of plastic water bottles on the UCB campus by 2014. Take Back the Tap was created in response to the UC Berkeley students' 5:1 vote that passed the" End the Sale of Bottled Water Initiative" in Spring 2011. Take Back the Tap is working to end the sale of single, use disposable water bottles while generating awareness of the social and environmental impacts of the plastic water bottle industry and educating the student body on the positives of tap water as a healthy alternative to bottled water. This spring, the Cal Student Store became the first campus drink provider to end their sales of bottled water! Take Back the Tap UC Berkeley is working in partnership with the ASUC and UCB Graduate Assembly, ASUC's S.T.O.P(student towards zero plastic), Residential Hall Association, Residential Sustainability Program, I Heart Tap, ECO and Food and Water Watch.

Allyson Beach:

allybeach@berkeley.edu

The California Student Sustainability Coalition (CSSC)
The California Student Sustainability Coalition unites, connects, supports, and empowers students from across California to transform their educational institutions and communities into models of ecological, economic, and social sustainability. We organize events to help students connect. Our statewide convergences bring together hundreds of students twice a year to network, build community, share resources, attend workshops, and celebrate. Additionally we organize Leadership Retreats, Potlucks, and Networking calls across the state.
Brynn Cook:

brynn.cook@gmail.com

Environmental Clubs and Organizations (ECO)
Previously called B-GAIA, is a coalition on campus focused on improving communication and facilitating collaboration among the student sustainability groups at Cal. By forming a student network, the student sustainability community at Cal will have the resources and tools available to expand their efforts and more effectively promote sustainability across the UC Berkeley campus. ECO has two main aspects: 1) hosting a monthly public forum and 2) an online presence and network for the leaders of the student groups.

omead.k@gmail.com

,

ecoberkeley@gmail.com

Online Materials Exchange

http://exchange.berkeley.edu

The concept of finding and disposing of materials through an online medium is not new- from sales, to bartering, to free exchange, these communities of old house paint, broken strollers, and gently used bicycles rage rampant particularly in the Bay Area. By establishing a focused community of givers and takers within a specific geographical region, the UC Berkeley campus, the Online Materials Exchange facilitates direct encounters between campus affiliates- students, staff, and faculty. Funded by a grant in 2009 from The Green Initiative Fund of UC Berkeley

UCBerkeleyReUse@gmail.com

Engineers Without Borders (EWB)

http://esw.berkeley.edu

Blog:

ewbucberkeley.wordpress.com

EWB's main project deals with water quality concerns, including arsenic and salinity, in the high-plains region of southern Peru surrounding Lake Titicaca. EWB-Berkeley has sent two teams of 5 and 10 students to Peru during the past summer and winter breaks and is looking to send another team this coming summer! Another new and exciting effort is the EWB Water Bottle Recycling/Reuse project, in which a small group is designing a grinding machine to transform discarded bottles into pellets, which can then me melting into a variety of products including non-structural building material. Make sure to check out our chapter website for more information on our projects and also see what our travel teams have been up to by checking their blogs!

Beveridge Beveridge:

clairebeveridge@berkeley.edu

Berkeley Student Food Collective (BSFC)

http://berkeleystudentfoodcollective.org/

To provide fresh, local, healthy, environmentally sustainable, and ethically produced food at affordable prices to the Berkeley campus and greater community. The Collective seeks to educate students about nutrition and food systems, empower new leaders, and train youth to work in and manage a sustainable business. Through inclusive, democratic decision-

making, we will operate a cooperative café and market that promotes community-building and environmental stewardship.

Emily Peri:

education@foodcollective.org

Strawberry Creek Restoration

http://strawberrycreek.berkeley.edu/

The Strawberry Creek Restoration Project is working to restore natural diversity to our campus natural areas while creating an atmosphere of environmental stewardship throughout our local communities. We believe that knowing the names of native plants is just as important as knowing how to navigate telebears! This semester promises to be one of our best yet. Not only are we offering various DeCals regarding Creek Restoration, but are also hosting a wide range of student/community restoration events. This is a great way to team build while playing an active role in ecological change. If you're interested in nursery work, habitat restoration, environmental education, or just being outside please contact

Tyler Grinberg,

t_grinberg@berkeley.edu

The Little Green Book
littlegb.berkeley.edu
"The Little Green Book" Project is a wikipedia guide to everything green in Berkeley. It is a multi-pronged attempt to streamline the green marketing efforts in the residential units into a unifying theme, a robust brand, and a good story line: a) with RAs' help, laminated posters with green living tips have been posted on each floor of the residential halls and will last for at least a few years b) we aim to leverage the poster and the pledge to engage students to seek out more information on our website. Check it out and print a pledge for yourself! We plan to work out more discounts with local green businesses this semester. Stay tuned!
(The project is generously funded by the Chancellor's Green Fund Grant.)
Elizabeth Chan,

elizabeth.ym.chan@gmail.com

Compost Alliance
Founded in Fall 2011, the UC Berkeley Compost Alliance is interested in promoting sustainability by diverting compostable waste from landfills. Currently, 2,000 tons of compostable waste from UC Berkeley are sent to landfill because there is no campus-wide compost system. If compost was introduced campus-wide, landfill waste diversion could jump to 63%- a significant increase from current diversion levels of 42%. This additional diversion from the waste stream represents a significant amount of greenhouse gas emissions (292,000 kgCO2e) that could be mitigated as a result. UCB Compost Alliance is working on expanding the compost system to include all buildings on campus and a comprehensive coverage of their waste including food, paper towels, and compostable plastic and paper products. Student coordinators and volunteers work directly with campus stakeholders to progressively implement compost systems in each building across campus. In addition to these infrastructural projects, students also work to educate the campus community on waste reduction topics.

compostalliance@gmail.com

Berkeley Energy & Resources Collaborative (BERC)
events at berc.berkeley.edu
BERC Undergrad is part of Berkeley Energy & Resources Collaborative, a multidisciplinary network of UC Berkeley students, alumni, faculty, industry professional, and advisors who seek to turn world-leading research into world-changing solution by tackling tough and timely energy and environmental changes. BERC Undergrad is planning events such as career networking and a speaker series. We are also continuing our Undergraduate-Graduate Mentorship Program.

berc.undergrad@gmail.com

Strategies for Ecology Education, Diversity, and Sustainability (SEEDS)

http://www.esa.org/seeds/

SEEDS (Strategies for Ecology, Education, Diversity, and Sustainability) is a newly established club that aims to engage more minorities in the field of ecology (although we are open to all!). We go on field trips, have ecology-related movie nights, host guest speakers, hold ecologist panels, and teach ecology lessons to elementary schools. As a group with both grads and undergrads, we have established a mentorship program for members interested in getting involved in research or getting advice from one of our many grad student mentors.

ucbseeds@gmail.com

Bay-area Environmentally Aware Consulting Network (BEACN)

http://beacn.berkeley.edu/

The Bay-area Environmentally Aware Consulting Network (BEACN) is a non-profit student organization that specializes in sustainable business consulting in the Bay Area. BEACN's members are undergraduate students who come from a variety of majors, ranging from Business Administration to Environmental Economics and Policy, to Engineering. BEACN is dedicated to promoting not only the environmental, but also the economic benefits of green business practices.
Jocelyn Fong,

jocefong@berkeley.edu

Greening the Greeks
Greening the Greeks is a student organization consisting of Cal Greek members that promotes environmental awareness and sustainability within the fraternity and sorority community, especially in housing facilities and Greek sponsored events. Our projects include -- waste reduction through recycling, compost, and reuse; green event certification for Greek events; sustainable purchasing guides for food, merchandise, cosmetics, and cleaning supplies.

greeningthegreeks@gmail.com

Residential Sustainability Program (RSP)

http://rsp.berkeley.edu

A diverse group of students living in the residence halls dedicated to the environment and promoting a sustainable lifestyle through peer education. The program's goal is to instill a sense of environmental responsibility in our residential student population and to implement simple changes that conserve resources and help set a lifetime pattern of "green" living.
Monica Harnoto,

monicaharnoto@gmail.com

,
Tiffany Xu,

tiffanyx@berkeley.edu

Building Sustainability @ Cal (BS@Cal)
The Building Sustainability @ Cal Program trains and utilizes students to help reduce the environmental footprint of campus buildings by educating building inhabitants and identifying structural and operational changes that can be made to buildings and campus as a whole. This is accomplished in three ways: 1) Facilitating a service learning class, 2) Hiring student interns in buildings, and 3) working on case-by-case outreach and auditing projects. The classes are run and the program is managed by five program coordinators that work with campus staff and faculty to implement projects. Where applicable, the program works with the Leadership in Energy and Environmental and Design for Existing Buildings (LEED EB) system and campus sustainability programs.
BS@C meshes the academic and the operational aspects of the university and is a unique collaboration of students, faculty, and staff. It uses the concept of service learning classes to focus the university's academic acumen directly on the university's operations. The program works closely with Capital Projects, the Office of Sustainability, Physical Plant■Campus Services and other relevant campus entities.
Net Impact

http://niberkeley.org

Net Impact Berkeley (NIB) is a student-run organization sponsored by the ASUC, the Haas School of Business, and the Center for Responsible Business and is committed to exploring the proper balance of business profitability and responsibility while enabling its members, through development and training, to make a meaningful impact to those around them and the society at large.

vivianwc321@gmail.com

Campus Bike Initiative
Campus Bicycle Initiative will promote bicycling as a sustainable mode of transportation and educate the campus about safe bicycling habits through events and bicycling workshops. CBI will also support the expansion of BicyCal's mechanical and educational services.
Ginger Jui,

ginger.jui@berkeley.edu

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

Recent work and accomplishments are included above.

List other student groups that address sustainability :

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

http://sustainability.berkeley.edu/os/pages/projects/forum.shtml

Organic Garden

Responsible Party

Lisa McNeilly
Director
Sustainability

"---" 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 Student Organic Gardening Association (SOGA) manages the UCB Student Garden and provides information and resources for students interested in organic gardening. It also sponsors classes and educational events.

The website URL where information about the garden is available :

http://students.berkeley.edu/osl/studentgroups/public/index.asp?todo=getgroupinfo&SGID=12676

Model Room in a Residence Hall

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Model Room in a Residence Hall

Themed Housing

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Themed Housing

Sustainable Enterprise

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Sustainable Enterprise

Sustainability Events

Responsible Party

Lisa McNeilly
Director
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 Chancellor's Advisory Committee on Sustainability hosts an annual Sustainability Summit. While the Summit is open to all, students and staff are the primary audience. This year's summit drew a crowd - highlights of the event included the project poster session highlighting 30 campus sustainability initiatives and Chancellor Birgeneau's remarks and announcement of this year's sustainability awardees and grant recipients. A Cal Alumni panel of women now working in sustainability fields closed the summit with a thought provoking discussion on their career paths and future opportunities in the green workforce.

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

http://sustainability.berkeley.edu/cacs/pages/summits/overview.shtml

Outdoors Program

Responsible Party

Lisa McNeilly
Director
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 :

OATS (On a Trail Somewhere) is program for newly accepted UC Berkeley students, whether they're someone who spends all their free time outdoors or someone who has never slept under the stars. O.A.T.S. teaches wilderness camping skills and offers the chance to challenge yourself both mentally and physically while meeting some great new friends.

There are also numerous other programs offered by Cal Adventures.

The website URL where information about the program is available :

http://www.recsports.berkeley.edu/insidepage.aspx?uid=1a3a590a-de40-4b47-b2a5-2ddece817d65

Outdoors Program

Themed Semester or Year

Responsible Party

Lisa McNeilly
Director
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 :

Since 2006, the College of Letters & Science at Berkeley has given incoming students something to talk about. That something has been a book, a film and a theme -- and is called "On the Same Page." In the fall of 2009, the book chosen was Michael Pollan's "The Omnivore's Dilemna." The program included a showing of "Food, Inc."

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

The Omnivore's Dilemna

The website URL where information about the theme is available :

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

Lisa McNeilly
Director
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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Sustainability-Focused Courses

Responsible Party

Lisa McNeilly
Director
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.*

Submission Note:
See above disclaimer

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

The number of sustainability-focused courses offered :

0

The total number of courses offered :

0

Number of years covered by the data :

One

A list of sustainability-focused courses offered :

UC Berkeley offers at least 300 sustainability related and focused courses, but did not have time to fully analyze and compile a current list of all such classes for this application. The link below is to a list compiled several years ago, which may not be current and does not distinguish between 'related' and 'focused.'

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

http://enviro.berkeley.edu/allcourses

A copy of the sustainability course inventory :

Sustainability-Related Courses

Responsible Party

Lisa McNeilly
Director
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*.

Submission Note:
See above disclaimer

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

The number of sustainability-related courses offered :

0

The total number of courses offered :

0

Number of years covered by the data :

One

A list of sustainability-related courses offered :

UC Berkeley offers at least 300 sustainability related and focused courses, but did not have time to fully analyze and compile a current list of all such classes for this application. The link below is to a list compiled several years ago, which may not be current and does not distinguish between 'related' and 'focused.' This is the same answer as provided for ER-6.

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

http://enviro.berkeley.edu/allcourses

A copy of the sustainability course inventory :

Sustainability Courses by Department

Criteria

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

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Sustainability Courses by Department

Sustainability Learning Outcomes

Responsible Party

Lisa McNeilly
Director
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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Undergraduate Program in Sustainability

Responsible Party

Lisa McNeilly
Director
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) :
Conservation and Resource Studies

The website URL for the program (1st program) :
http://ourenvironment.berkeley.edu/undergraduate-programs/

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

The website URL for the program (2nd program) :
http://ourenvironment.berkeley.edu/undergraduate-programs/

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) :

Graduate Program in 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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Graduate Program in Sustainability

Sustainability Immersive Experience

Responsible Party

Lisa McNeilly
Director
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.

"---" 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 :

The Global Environment Theme House (GETH): championing a greener way of life
Our academic seminar includes learning from faculty and peers, mixed with career advising, but mostly we foster a forum for a meaningful exchange of ideas in a small group setting. We learn about green living, give back to our environment, grow as leaders, and form friendships that can last a lifetime.
Program requirements
GETH residents are expected to spend 2-4 hours a week engaged in Theme Program activities including:
■ Enrollment and active participation in the 2-unit seminar Natural Resources 24/84: Global Environment Theme House (1 unit each semester)
■ Attendance at GETH meetings
■ Participation in Theme Program events
Seminar and events
The seminar is a 1 unit per semester, pass/no pass Freshman Seminar class that meets once a week and is taught by College of Natural Resources faculty. Topics for the seminar relate to environmental action and research on and around the Berkeley campus. You can review a sample course syllabus to get an idea about the coursework and expectations. If you're admitted to GETH, you will be given more information about how to enroll in the class.
Events include a wide variety of leadership and community-building activities like dinners with faculty, study groups, and field trips.
Even though it's call the Global Environment Theme House, GETH residents actually live together on the Clark Kerr Campus (CKC)

which is situated below the beautiful Berkeley hills on the southeast end of campus. Students interested in social, economic, and scientific issues affecting Earth's urban, rural, and global environment are encouraged to apply.

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

http://themeprograms.berkeley.edu/geth.html

Sustainability Literacy Assessment

Responsible Party

Lisa McNeilly
Director
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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Incentives for Developing Sustainability Courses

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

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

Lisa McNeilly
Director
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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Faculty Engaged in Sustainability Research

Responsible Party

Lisa McNeilly
Director
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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Departments Engaged in Sustainability Research

Responsible Party

Lisa McNeilly
Director
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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Sustainability Research Incentives

Responsible Party

Lisa McNeilly
Director
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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Interdisciplinary Research in Tenure and Promotion

Criteria

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

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Interdisciplinary Research in Tenure and Promotion

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

Lisa McNeilly
Director
Sustainability

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

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Building Design and Construction

Responsible Party

Lisa McNeilly
Director
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

Submission Note:

(a) Answer to first question includes the square footage for both LEED-certified and LEED-equivalent (but not certified) building projects.

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

New building space that meets "Eligible Buildings Criteria" :
1385330 *Square Feet*

New building space that was designed and constructed in accordance with green building policies or guidelines but not LEED certified :
483537 *Square Feet*

New building space that is LEED Certified :
525924 *Square Feet*

New building space that is LEED Silver certified :

142957 *Square Feet*

New building space that is LEED Gold certified :

232912 *Square Feet*

New building space that is LEED Platinum certified :

0 *Square Feet*

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

http://www.facilities.berkeley.edu/GreenBuildings/gb_main.html

An electronic copy of the guidelines or policies :

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

Adopted July 1, 2004 and last Revised: August 22, 2011

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

For all major projects, the green building design and construction requirements are posted in the department's construction and contract requirements website and incorporated into design and construction and contract documents, see below. Regular sustainability meetings/charettes with the entire project team and campus staff are held during at least two project design phases.

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 certifications completed within last three years (2009-2012)
• Clark Kerr Campus (CKC) Phase I
• Clark Kerr Campus (CKC) Phase 2
• Morgan Hall Laboratory renovation
• Durant Hall Renovation
• Blum Hall/Naval Architecture
• School of Law Renovations
• School of Law Addition
• University Village Housing

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

2.5 The names of all buildings designed and constructed in accordance with green building guidelines and policies but not (yet) LEED certified:
• Li Ka Shing Biomedical Building

- Pat Brown's Grill Renovation
- Anna Head West Student Housing
- California Memorial Stadium Renovation
- Energy Biosciences Institute Building
- Greek Theatre Seismic Safety Corrections

The following buildings were designed and constructed in accordance with green building guidelines and policies but will not be LEED certified

- Student Athlete High Performance Center
- Sutarja Dai Hall
- Martin Luther King Student Union Seismic Safety corr

Indoor Air Quality

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

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

Kira Stoll
Sustainability Manager
Office of 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.

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

The website URL where the GHG emissions inventory is posted :

http://sustainability.berkeley.edu/calcap

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 :

Water consumption and disposal

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

No

If yes, please specify :

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

If yes, please specify :

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

If yes, please specify :

Greenhouse Gas Emissions Reduction

Responsible Party

Kira Stoll
Sustainability Manager
Office of 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.

Submission Note:

The baseline year for the emissions and population reported above is for year 2006 not 2005 - this is the most relevent year (that is closest to the requested 2005 year) for UC Berkeley to report on as a baseline. Population is reported as full-time only.

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

Scope 1 and 2 gross GHG emissions, 2005 :

135752 *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 :

6158

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

42542

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

0

Scope 1 and 2 gross GHG emissions, performance year :

2010 *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 :

January 2010-December 2010

On-campus residents, performance year :

6306

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

43779

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

0

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

January 2010-December 2010

Air Travel Emissions

Responsible Party

Kira Stoll
Sustainability Manager
Office of 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? :

No

A brief description of the policies and/or programs :

The campus monitor emissions from business air travel and has implemented several programs aimed at reducing impacts. The campus has a voluntary donation fund - The Climate Action Fund - where individuals can make a donation to "offset" business air travel impacts. The money in this fund is used on projects on-campus that reduce greenhouse gas emissions. The campus also has a small grant program that promotes and supports alternatives to air travel for meetings - the grants support videoconferencing and desktop cameras for virtual meetings.

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

Local Offsets Program

Responsible Party

Kira Stoll
Sustainability Manager
Office of Sustainability

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

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

Lisa McNeilly
Director
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..

"---" *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) :

24

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

The above percentage includes purchases by our main dining hall plus two other retail vendors. It includes purchases reported by the vendors as "humane," although the exact certification was not included in the report.

Cal Dining represents the majority of these purchases. Cal Dining is dedicated to providing an environmentally friendly dining program that supports the Cal community. We have been recognized as leaders for our initiatives, including:

First four green certified buildings on Cal's campus, including all residential dining locations
First university organic certification & 100% organic salad bars in all residential dining locations
Donate food to a non-profit family shelter
Collect over 100 tons of food waste for composting; post-consumer waste; and residential composting pilot for to-go containers & food waste
Recycle within our food service operations
Purchase environmentally friendly items, such as cleaning products, biodegradable take-out containers, cups and plastic utensils
Offer discounts for reusable beverage containers and bags

Offer natural, organic and environmentally packaged products in retail

Partner with campus environmental leaders, Cal Recycling & Refuse and Unit Residential Sustainability Education Coordinators

Provide 100% made-in-the-USA uniforms and pay a living wage

Food highlights; organic, cage-free eggs; require fair trade – or better – coffee as a minimum standard; "Farm to Table (Slow Food)" concept at Clark Kerr dining commons in fall 2007; trans-fat free in all facilities.

They also recently were the first public university program to achieve Marine Stewardship Council certification.

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

http://caldining.berkeley.edu/community.html

Trayless Dining

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Vegan Dining

Responsible Party

Lisa McNeilly
Director
Sustainability

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

Yes

A brief description of the vegan dining program :

Each meal service includes a full vegan meal option. Most of the side dishes offered are vegan. Vegan customers can also have food made to order.

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

http://Caldining.berkeley.edu/veg_resources.html

Trans-Fats

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Guidelines for Franchisees

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Pre-Consumer Food Waste Composting

Responsible Party

Lisa McNeilly
Director
Sustainability

Submission Note:

The percentage of conference meals is unknown.

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

Yes

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

Our policy is to compost all food waste and donate or reuse leftovers where possible.

We have also implemented a pre-consumer food waste reduction initiative using the program LeanPath. Since the beginning of the program in September 2011, pre-consumer food waste has been reduced by 40% in the dining commons.

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

80

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

80

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

80

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

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

http://Caldining.berkeley.edu/compost.html

PostConsumer Food Waste Composting

Responsible Party

Lisa McNeilly
Director
Sustainability

Submission Note:

Composting is available in some but not all of the retail locations; the preceise percentages for retail facilities and conference meals are unknown.

"---" *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 :

Post consumer waste is composted in bins located in each of the dining commons and outside of the retail facilities.

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

100

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

100

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

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

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

http://Caldining.berkeley.edu/compost.html

Food Donation

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Recycled Content Napkins

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Reusable Container Discounts

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Reusable Container Discounts

Reusable To-Go Containers

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

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

Lisa McNeilly
Director
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 :

1915240 *MMBtu*

Building space, 2005 :

14827825 *Gross Square Feet*

Total building energy consumption, performance year :

1937587 *MMBtu*

Building space, performance year :

15941137 *Gross Square Feet*

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

1/1/2010-12/31-2010

Clean and Renewable Energy

Responsible Party

Kira Stoll
Sustainability Manager
Office of 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

"---" 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 :

682 *MMBtu*

Option 2: Non-electric renewable energy generated :

0 *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 :

5149 *MMBtu*

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

0 *MMBtu*

Total energy consumed during the performance year :

1937587 *MMBtu*

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

One building on-campus has a solar array that produces about 200,000 kWh a year. There has been discussion of additional installations but to date it has been cost prohibitive for the campus to provide additional installations.

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

The campus is currently intalling a solar thermal system on the newest student housing facility that is under construction. The system will provide about 50% of the domestic water heating needs of the facility.

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

The campus does not have any such facilities.

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

The performance year reported is 2010. In 2010 the campus purchased RECs as part of the LEED process for new and renovated buildings. These contracts are for two years.

A brief description of cogeneration technologies deployed :

The campus leases out a natural gas powered cogeneration facility - steam/electricity - to a third-party operator. The campus purchases the steam generated from the plant; the third-party sells the electricity to the local utility.

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

http://sustainability.berkeley.edu/calcap

Timers for Temperature Control

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Timers for Temperature Control

Lighting Sensors

Responsible Party

Lisa McNeilly
Director
Sustainability

Submission Note:

(a) Answer to question about 'percentage of building space" is just for the building referenced in the earlier response.

"---" *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 :

Dual technology occupancy sensors that utilize both infrared and ultrasonic technology to detect motion have been installed in five large gymnasium rooms to control high-bay fluorescent lighting at Hearst Memorial Gymnasium.

The percentage of building space with lighting sensors :

22

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

LED Lighting

Responsible Party

Lisa McNeilly
Director
Sustainability

"---" 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 campus installed 800 exterior LED lamps -- all of the iconic exterior lampposts -- replacing the existing metal halide bulbs. The wattage in these fixtures dropped from 175 to 40 watts.

The percentage of building space with LED lighting :

The percentage of parking deck space with LED lighting :

The percentage of outdoor space that uses LED lighting :

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

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

Vending Machine Sensors

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Energy Management System

Responsible Party

Lisa McNeilly
Director
Sustainability

Submission Note:

(a) Answer for question about "percentage of building space" is 100% for building energy consumption and about 50 to 100% (partial or full direct digital controls DDC) of building systems monitored by the building automation system.

"---" *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 :

The University uses a Pulse Energy, a web-based energy information system to provide real-time building energy consumption information for about 60 buildings (about half the number of campus buildings. Building main utility meters are connected to the system.

A separate building automation system that is either based on the Barrington Systems or the Automated Logic Controls to monitor and control various systems (HVAC & lighting) are installed in the buildings as well.

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

100

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

HVAC and lighting systems are shut down during unoccupied periods where applicable.

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

Energy Metering

Responsible Party

Lisa McNeilly
Director
Sustainability

"---" 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 :

Multiple buildings have digital meters for all energy consumption. A dashboard (which only displays electricity right now) can be viewed at:

http://us.pulseenergy.com/UniCalBerkeley/dashboard/#/overview

The percentage of building space with energy metering :

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

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

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

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Integrated Pest Management

Native Plants

Responsible Party

Lisa McNeilly
Director
Sustainability

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

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

No

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

The campus prioritizes the use of native plants in some parts of campus, but not all. The Landscape Master Plan in Goal 5, Landscape Character, Policy 1 directs the campus to incorporate the principals of sustainable design, construction and maintenance of projects. The campus enjoys a diversity of plant species from around the world. They add interest and support the teaching mission. The area within the three designated Natural Areas and the Strawberry Creek environs emphasize native plants. The campus has a greenhouse in Wellman Courtyard dedicated to the fostering of local native seedling plants to restore the creek zone. Generally, the plant pallate emphasizes Mediterranean or temperate climate zone plants that naturalize easily and accept our wet winters and cool but dry summers.

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

Wildlife Habitat

Responsible Party

Lisa McNeilly
Director
Sustainability

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 :

The UC Natural Reserve System is a network of protected natural areas throughout California. Its 37 sites include more than 750,000 acres, making it the largest university-administered reserve system in the world. Two of the areas administered by UC Berkeley include the Angelo Coast Range Reserve and the Hastings Natural History Reservation.

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

http://cbc.berkeley.edu/ucbfieldstations.htm

Tree Campus USA

Responsible Party

Lisa McNeilly
Director
Sustainability

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Tree Campus USA

Snow and Ice Removal

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Landscape Waste Composting

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Landscape Waste Composting

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

Lisa McNeilly
Director
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.

"---" *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://www.ucop.edu/ucophome/coordrev/policy/sustainable-practices-policy.pdf

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

With the institution of a new, centralized purchasing software system, the campus has also designated a limited list of computers that are the campus standard -- all of which are EPEAT Gold or Silver.

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 :

Cleaning Products Purchasing

Responsible Party

Lisa McNeilly
Director
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.

"---" *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? :

No

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

http://calget.berkeley.edu/projects_operations.html

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

In January 2007, PP-CS Custodial Services first implemented the Green Cleaning Program in campus building. The Program involved training staff on green cleaning procedures as well the use of green cleaning products and equipment, such as ALPFA-HP all-purpose green cleaning product, microfiber mops and HEPA vacuums. PP-CS has seem higher productivity rates from our staff and are pleased that campus buildings are a healthier, cleaner and safer environment for everyone. The campus' Green Cleaning Program also helps satisfy requirements for LEED:EBOM Certification. From May 2009 onwards, Custodial Services use 100% recycled chlorine-free and unbleached toilet paper for all campus restrooms.

While the Green Cleaning directive is not campus-wide, it is in force for the staff who clean a large percentage of campus buildings.

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

No

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

Total expenditures on cleaning products :

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

Office Paper Purchasing

Responsible Party

Lisa McNeilly
Director
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:

Spend data is from FY 2011.

"---" *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://businessservices.berkeley.edu/sites/businessservices.berkeley.edu/files/content/Sustaina
ble%20Copy%20Paper%20Guidelines.FINAL_.pdf

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

With the institution of a new, centralized purchasing software system, the campus has a better way of flagging all recycing content products, including office paper. The items are both flagged by the system and included in a separate "green favorites" list.

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 :

0 *US/Canadian $*

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

240094 *US/Canadian $*

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

10798 *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 :

57945 *US/Canadian $*

Total expenditures on office paper :

399252 *US/Canadian $*

Vendor Code of Conduct

Responsible Party

Lisa McNeilly
Director
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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Historically Underutilized Businesses

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Historically Underutilized Businesses

Local Businesses

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Local Businesses

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

Campus Fleet

Responsible Party

Kira Stoll
Sustainability Manager
Office of 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.

Submission Note:

Do not have the data showing the actual amount of ethanol that was used to fuel the E85 capable vehicles. Five of the vehicles in the fleet are PZEV (option not included above).

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

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

18

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

0

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

0

100 percent electric vehicles in the institution's fleet :

23

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

0

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 :

6

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

42

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

557

Student Commute Modal Split

Responsible Party

Kira Stoll
Sustainability Manager
Office of 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.

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

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

93

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 :

7

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 :

66

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

2

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

24

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

1

The website URL where information about alternative transportation is available :

http://pt.berkeley.edu/

Employee Commute Modal Split

Responsible Party

Kira Stoll
Sustainability Manager
Office of 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.

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

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

57

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 :

43

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 :

18

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

12

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

25

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

2

The website URL where information about alternative transportation is available :

http://pt.berkeley.edu/

Bicycle Sharing

Responsible Party

Kira Stoll
Sustainability Manager
Office of 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? :

No

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.) :

The campus had a small pilot program operated by students several years ago that is no longer operational. The campus is considering opportunities in the future for bike sharing as part of a regional effort that is underway.

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

Facilities for Bicyclists

Responsible Party

Kira Stoll
Sustainability Manager
Office of Sustainability

Submission Note:

For information on shower/locker program:
http://calbears.berkeley.edu/insidepage.aspx?uid=b21e61d9-bb15-4db8-89f0-109a67ba90be

The Campus Bicycle Plan recommends that new buildings and large retrofits provide secure indoor and/or covered bicycle parking.

"---" *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 :

Secure bicycle parking is provided in six covered parking facilities and in more than two buildings on campus. The recreation sports facilities on campus offer shower and locker programs for bicycle commuters. Some campus buildings have shower facilities that are available to cyclists.

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

http://pt.berkeley.edu/around/bike/bikeparking#program

Facilities for Bicyclists

Bicycle and Pedestrian Plan

Responsible Party

Kira Stoll
Sustainability Manager
Office of Sustainability

Submission Note:

Since the Plan was approved in 2006, the campus has completed all of the high priority projects, exceeded the bicycle ridership goals specified in the Plan, added close to 700 new bicycle parking spaces on campus. Additionally, through student efforts the campus now has regular bicycle safety classes and bicycle maintenance offerings.

The campus does not have a specific pedestrian plan but goals and guidelined are provided in the Campus Landscape Master Plan and the Campus Long Range Development Plan.

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

Has the institution developed a bicycle plan? :

Yes

A brief description of the plan :

The purpose of the University of California, Berkeley (UCB) Campus Bicycle Plan is to improve bicycle access for students, faculty, staff and visitors. The Campus Bicycle Plan focuses on the central campus park to create a long-term physical and programmatic vision supported by a variety of implementation measures. While
dealing with existing conditions and issues on the central campus, the Plan also considers connections to the larger urban context. The Plan offers an improved campus bikeway
system, connected with City and regional systems. This travel network, coupled with bicycle education, enforcement and promotional programs, will create a more bicycle friendly campus and community. The anticipated
result is an increase in commuters choosing to bicycle to/from campus.

The website URL where information about the plan is available :

http://pt.berkeley.edu/sites/pt.berkeley.edu/files/content/UCB_BikePlanFinal.pdf

Mass Transit Programs

Responsible Party

Kira Stoll
Sustainability Manager
Office of Sustainability

"---" 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) :

The campus offers a deeply discounted unlimited ride pass for local transit to faculty, staff and students. Subsidies on tickets for other transit providers are also offered for faculty, staff and students. Faculty and staff can purchase transit pre■tax through payroll deduction. Faculty and
staff are eligible for a guaranteed ride home program (up to six free rides home in the event of a personal emergency) and discounted daily parking on days when they need to drive alone.

The campus operations an extensive day and night shuttle system. Bear Transit is UC Berkeley's shuttle system, servicing the campus and vicinity. Anyone can ride our shuttles, which provide convenient transportation between campus, Downtown Berkeley BART, parking lots, Clark Kerr
campus, the Hill area, residence halls, Richmond Field Station (RFS), and north and south sides of campus. Shuttles are free to faculty, staff and students.

The website URL where information about the program is available :

http://pt.berkeley.edu/

Condensed Work Week

Responsible Party

Kira Stoll
Sustainability Manager
Office of 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 :

UC Policy allows managers and supervisors to offer condensed work week option to employees. Some departments on campus offer condensed schedules such as 9-80's (three day weekend, every two weeks). This condensed schedules can be on a fixed or variable arragement. This is available to faculty and staff.

The website URL where information about the program is available :

http://hrweb.berkeley.edu/er/leaves/flexible

Telecommuting

Responsible Party

Kira Stoll
Sustainability Manager
Office of 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 :

UC Policy allows managers and supervisors to offer telecommuting options to employees. Some departments on campus offer this option. This is available to both faculty and staff.

The website URL where information about the program is available :

http://hrweb.berkeley.edu/er/leaves/flexible/telecommuting

Carpool/Vanpool Matching

Responsible Party

Kira Stoll
Sustainability Manager
Office of 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 :

The campus incentivizes carpooling by offering deeply discounted carpool parking permits and free reserved carpool parking spaces. The carpool parking system is designed to allow students and faculty/staff to carpool together. Free ridematching is available through a regional service for on-going carpooling arrangements. The campus also offers Zimride services free of charge to faculty,staff and students for additional ridematching options. The campus provides discounted parking for vanpools. Faculty and Staff in carpools and vanpools are eligible for a guaranteed ride home program (up to six free rides home in the event of a personal emergency) and discounted daily parking on days when a ridesharer needs to drive alone.

The website URL where information about the program is available :

http://pt.berkeley.edu/

Cash-out of Parking

Responsible Party

Kira Stoll
Sustainability Manager
Office of Sustainability

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Cash-out of Parking

Carpool Discount

Responsible Party

Kira Stoll
Sustainability Manager
Office of Sustainability

"---" 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 :

The campus incentivizes carpooling by offering deeply discounted carpool parking permits and free reserved carpool parking spaces. The carpool parking system is designed to allow students and faculty/staff to carpool together. Free ridematching is available through a regional service and the campus offers Zimride services free of charge to faculty, staff and students for additional ridematching options. The campus provides discounted parking for vanpools. Faculty and Staff in carpools and vanpools are eligible for a guaranteed ride home program (up to six free rides home in the event of a personal emergency) and discounted daily parking on days when a ridesharer needs to drive alone.

The website URL where information about the program is available :

http://pt.berkeley.edu/

Local Housing

Responsible Party

Kira Stoll
Sustainability Manager
Office of Sustainability

"---" 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 :

UC does provide some faculty housing that is walking or transit distance to campus. The campus built a condominium complex and sold them at less than market rate near campus for purchase by faculty. The transportation incentives offered by the campus do provied encouragement for employees to live near campus or conveniently located near transit hubs.

The website URL where information about the incentives or programs is available :

http://www.housing.berkeley.edu/livingatcal/faculty.html

Prohibiting Idling

Responsible Party

Kira Stoll
Sustainability Manager
Office of Sustainability

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

Has the institution adopted a policy prohibiting idling? :

No

A brief description of the policy :

There is discussion about how the campus might implement air resources board idling regulations for heavy duty diesel vehicles on campus. This is a project that might be pursued by the campus environmental management system program through the EH&S office.

The website URL where information about the policy is available :

Car Sharing

Responsible Party

Kira Stoll
Sustainability Manager
Office of 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 :

Description: UC Berkeley has a variety of car sharing services on, or just adjacent to campus including City CarShare, Zipcar and Enterprise Rent■a■Car. Each service provides its members with short■term car rentals. The vehicles are conveniently located on■campus as well as the City of Berkeley and throughout the region. Each car sharing service offers its own unique fee structure, eligibility requirements and philosophies. Each service provider offers a program for students ages 18 to 21, to serve a younger population that is sometimes not eligible for rental cars. Members can use the cars available on campus or throughout the network. The campus is considering offering a carshare program for university business.

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

http://pt.berkeley.edu/

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

Lisa McNeilly
Director
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.*

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

Weight of materials recycled, 2005 baseline year :

2223 *Tons*

Weight of materials composted, 2005 baseline year :

996 *Tons*

Weight of materials disposed as garbage, 2005 baseline year :

6149 *Tons*

Weight of materials recycled, performance year :

1962 *Tons*

Weight of materials composted, performance year :

1326 *Tons*

Weight of materials disposed as garbage, performance year :

5001 *Tons*

List the start and end dates of the waste reduction performance year :

July 1, 2009-July 30, 2010

On-campus residents, 2005 :

6141

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

41743

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

0

On-campus residents, performance year :

6306

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

43779

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

0

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

Data represents a snapshot of population in the Fall semester of 2009

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 :

As part of our 2009 Campus Sustainability Plan (and in accordance with UC system-wide policy) we have set a goal to achieve a 75% diversion rate by June 2012 and zero waste by 2020. Our Sustainability Plan also describes the key strategies we will employ to achieve the goal -- a Zero Waste Plan is currently under development.

The website URL where information about the institution's waste reduction initiatives is available :

http://sustainability.berkeley.edu/os/pages/plan/index.shtml

Waste Diversion

Responsible Party

Lisa McNeilly
Director
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.*

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

Materials recycled, composted, reused, donated, re-sold, or otherwise diverted :

3288 *Tons*

Materials disposed in a solid waste landfill or incinerator :

5001 *Tons*

A brief description of programs, policies, infrastructure investments, outreach efforts, and/or other factors that contributed to the diversion rate :

Campus Recycling and Refuse Services include recycling, refuse pickup, porta-potty placement, debris box ordering, some contract management, and liaison with other campus units and government agencies.

Recycling and Refuse Services manages over 35 tons of solid waste that moves through the campus daily. We are committed to expanding recycling programs while providing effective refuse collection on campus. Our staff consists of a Recycling & Refuse Manager, a Recycling Operations Supervisor, Truck Drivers, and Equipment Operators.

We coordinate the recycling efforts for mixed paper, beverage containers, greenwaste and wood, toner cartridges, and mixed metal. We can also provide general information on waste prevention, reuse of materials, purchasing recycled-content products, and recycling other materials that we do not coordinate. CRRS also handles refuse services including garbage collection, debris box ordering, and portable toilets ordering. CRRS works with many other entities on campus to operate these programs, such as Custodial Services in the indoor collection of paper recycling bins, and Ground Services to collect greenwaste and plant debris.

Construction and Demolition Waste Diversion

Responsible Party

Lisa McNeilly
Director
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.

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

Amount of construction and demolition materials recycled, donated, or otherwise recovered :

6835 *Tons*

Amount of construction and demolition materials landfilled or incinerated :

208 *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 :

Construction contracts require recycling and diversion and set a goal of 75%.

Electronic Waste Recycling Program

Responsible Party

Lisa McNeilly
Director
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 Berkeley sends e-waste to a permitted and certified e-stewards recycler* that disassembles items on-site into sellable and recyclable commodities (glass, metal, plastic). Cal Overstock and Surplus (Cal Surplus) staff work closely with the Office of Environment, Health & Safety (EH&S) to audit and approve facilities which receive e-waste for recycling.

*An "e-steward Recycler" is in compliance with the strongest standard governing the globally responsible management of electronic waste:

http://e-stewards.org

).

A brief description of the electronic waste recycling program for institution-generated materials :

UC Berkeley departments with unwanted electronics contact Cal Surplus for a waste pickup. Cal Surplus employs an IT specialist to refurbish reusable computers and peripherals. Non-reusable electronics become e-waste and are shipped to the permitted and certified e-stewards recycler. EH&S periodically (1) audits campus departments to ensure they recycle their electronics; (2) trains refuse drivers on how to identify e-waste in the trash; (3) provides stickers for garbage cans/dumpsters prohibiting disposal of e-waste into the trash; and (4) provides guidance on its web site.

A brief description of the electronic waste recycling program for student-generated materials :

UC Berkeley's residence halls have designated e-waste collection areas. Housing department managers promote the drop off programs to students at the conclusion of each semester. UC Berkeley refurbishes any reusable electronics for resale or sends its e-waste to a permitted and certified e-stewards recycler.

The website URL where information about the e-waste recycling program is available :

http://ehs.berkeley.edu/images/ehs/pubs/55electronicwaste.pdf

Hazardous Waste Management

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Materials Exchange

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Materials Exchange

Limiting Printing

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Materials Online

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Chemical Reuse Inventory

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Chemical Reuse Inventory

Move-In Waste Reduction

Responsible Party

Lisa McNeilly
Director
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 :

The ReUSE Program hosts two events at the beginning of every semester to reduce the amount of new materials students need to purchase. The Reader Giveaway provides free gently-used readers for courses at Berkeley that were donated during the previous Move-Out Collection. This event not only reduces hundreds of pounds of new course readers needed (along with the associated resource and material costs), but also saves students money. The Second Chance Clothing Sale provides used clothing collected during move-out, to the campus at very affordable prices ($1 - 3 each) and reduces the amount of new clothes and related packaging that residents purchase. Lastly, ReUSE stations and the online materials exchange (exchange.berkeley.edu) provide free office supplies and furniture to students throughout the year.

Housing also encourages students to rent mini fridges and microwaves from a particular vendor, which reduces the amount of new appliances purchased, and also ensures that the appliances are reused again after the school year is over.

The website URL where information about the program is available :

Move-Out Waste Reduction

Responsible Party

Lisa McNeilly
Director
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 :

The ReUSE Program holds a Move-Out Reader and Clothing Collection in the residence halls every May. ReUSE places a canvas cart for clothing and a tall plastic toter bin for readers, on the ground floor of every building with signs and labels directing residents to donate their gently-used materials in the appropriate receptacles. Students are also encouraged to post their larger items on the campus online materials exchange (exchange.berkeley.edu) to give away to others in the campus community for free rather than throwing reusable materials away. Over the summer, ReUSE student volunteers help organize collected clothes and readers to distribute back to the campus community at the beginning of each semester.

The website URL where information about the program is available :

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

Lisa McNeilly
Director
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 :

696776670 *Gallons*

Water consumption, performance year :

609991756 *Gallons*

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

January 1-December, 2011

On-campus residents, 2005 :

6141

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

41743

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

0

On-campus residents, performance year :

6424

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

43910

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

0

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

represents a snapshot of population in the Fall semester of 2010

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 :

The website URL where information about the institution's water conservation initiatives is available :

http://sustainability.berkeley.edu/pages/water/overview.shtml

Stormwater Management

Responsible Party

Lisa McNeilly
Director
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.

"---" *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 :

We are now and have been for more than a decade implementing robust storm water pollution prevention plans.

We have a full time Environmental Protect construction liaison. He implements what's known as the Construction Stormwater General Permit Plan that requires construction projects on Campus to adhere to a set of requirements to prevent pollutants (mostly sediment) from leaving the sites. He performs regular inspections of all the construction sites and relays findings to Project Managers.

Further, we have a Campus Stormwater Management Plan that involves all the rest of Campus operations other than construction, i.e. regular inspection of Strawberry Creek for illicit discharges, investigation of discovered discharges, training of all staff (PP-CS, RSSP, Athletics, ASUC) on Best Management Practices to prevent non-storm discharges to the creek, and inspection of Campus infrastructure that may pose a threat to water quality (fuel tanks, sewer lines, steam lines, trash collection areas). The little blue oval discs that are next to our Campus storm inlets are one example of outreach we do to educate the Campus community about water quality impacts as are the numerous tours and talks to students (UC Berkeley and K-12).

The website URL where information about the institution's stormwater management initiatives, plan or policy is available :

Does the institution have a living or vegetated roof? :

No

A brief description of the institution's living or vegetated roof :

Does the institution have porous paving? :

Yes

A brief description of the institution's porous paving :

The campus has decreased impervious area by
approximately 11,000 square feet over the last five years.

Does the institution have retention ponds? :

A brief description of the institution's retention ponds :

Does the institution have stone swales? :

A brief description of the institution's stone swales :

Does the institution have vegetated swales? :

A brief description of the institution's vegetated swales :

Does the institution employ any other technologies or strategies for stormwater management? :

A brief description of other technologies or strategies for stormwater management employed :

Waterless Urinals

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Building Water Metering

Responsible Party

Lisa McNeilly
Director
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 :

The Water Metering projects installed and upgraded meters in 21 buildings with the help of PP-CS, connecting these meters to the campus Obvius server so that real-time metering updates can be viewed online. The project leaders

Upgraded meters in 15 buildings: Evans, Dwinelle, Hearst Mining, Hilgard, Koshland, Kroeber, Latimer, LeConte, Life Sciences Addition, Martin Luther King, McCone, Minor Addition, Stanley, University, and Wurster Hall.
Purchased meters for installation and connection with Obvius in Barrows, Birge, Boalt, California, Cory, Lawrence Hall of Science, Simon, and Tan Hall.
Installed nine sub-building meters in Wurster Hall.
Collaborated with PP-CS on connecting electric and steam meters to Obvius in Barrows, Birge, Boalt, California, Cory, and Simon Halls.
Conducted a water audit on every toilet and urinal in Wurster Hall using ultrasonic water meters to determine gallons of water per flush, finding that that 71% of fixtures use more than their rated 1.6 gallons per flush, around 2-4 g/flush, with several at 5 gallons per flush. The sub-meter data will be used for leak detection and occupancy use.

The percentage of building space with water metering :

The website URL where information about the practice is available :

Non-Potable Water Usage

Responsible Party

Lisa McNeilly
Director
Sustainability

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Xeriscaping

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Xeriscaping

Weather-Informed Irrigation

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Weather-Informed Irrigation

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

Lisa McNeilly
Director
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.

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

Does the institution have a sustainability committee? :

Yes

The charter or mission statement of the committee or a brief description of the committee's purview and activities :

The purpose of the Chancellor's Advisory Committee on Sustainability (CACS), which first met in October 2003, is to promote environmental management and sustainable development at UC Berkeley. The Committee is charged with advising the Chancellor on matters pertaining to the environment and sustainability as it directly relates to the University of California, Berkeley. To fulfill this obligation, CACS draws strength from its diverse composition of faculty, staff, students and alumni.

The mission of the Committee is composed of three central goals:

To engage the campus in an ongoing dialogue about reaching environmental sustainability
To integrate environmental sustainability with existing campus programs in education, research, operations, and public service
To instill a culture of sustainable long-range planning and forward-thinking design

Members of the committee, including affiliations :

The membership list, including affiliations can be found at:

http://sustainability.berkeley.edu/cacs/pages/members/CACS_members_2011-2012.pdf

The website URL where information about the sustainability committee is available :

http://sustainability.berkeley.edu/cacs/

Does the institution have a sustainability office? :

Yes

A brief description of the sustainability office :

The UC Berkeley Office of Sustainability helps to develop, coordinate, and support campus sustainability goals and initiatives. Our work includes fostering a culture of sustainability and helping the campus reduce greenhouse gas emissions and reach climate neutrality. We strive for excellence in breadth and depth, by:

Implementing Bright Green programs to reduce our ecological footprint.
Raising awareness through our Talking Louder campaign.
Striving for transparency and accountability through our annual Campus Sustainability Report and Plan.

The number of people employed in the sustainability office :

3

The website URL where information about the sustainability office is available :

http://sustainability.berkeley.edu/os/

Does the institution have a sustainability coordinator? :

Yes

Sustainability coordinator's name :

Lisa McNeilly

Sustainability coordinator's position title :

Director of Sustainability

A brief description of the sustainability coordinator's position :

As Director of Sustainability at UC Berkeley, Lisa has focused on sustainability planning and on reducing greenhouse gas emissions, water consumption, and waste generation. She publishes annual sustainability reports and compiles sustainability metrics to emphasize transparency and accountability. She reports directly to the Vice Chancellor, Administration and Finance.

The website URL where information about the sustainability coordinator is available :

Strategic Plan

Responsible Party

Lisa McNeilly
Director
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.

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

Year the strategic plan or equivalent was completed or adopted :

2002

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 2002 UC Berkeley Strategic Academic Plan presents provisions to ensure that capital investment strategy should align with and promote the academic goals of the campus. The Environment – "the impacts of human activity on our planet's ecosystems, and how to manage and mitigate those impacts" – was one of ten academic themes of exceptional promise included in the Strategic Academic Plan.

The 2020 Long Range Development Plan (LRDP) for UC Berkeley – and its accompanying Environmental Impact Report (LRDP EIR) – "presents a framework for land use and capital investment to meet the academic goals and objectives of the university through the year 2020," and explicitly describes a sustainable campus.

The 2020 LRDP reflects the campus's Strategic Academic Plan, a faculty-led plan that identifies key challenges the university must meet to continue to provide students with a world-class education, and the public with breakthroughs in research. This includes not only new and renovated facilities, but also land use policies designed to keep researchers and students in close proximity, spurring collaboration and innovation. It also identifies the need to expand and upgrade facilities to adequately serve the 4,000 additional students the UC system has asked UC Berkeley to educate by 2010. Most of those students are already enrolled on campus but our facilities are not adequately serving those students.

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 :

Among the values expressed in the Strategic Academic Plan are "A VITAL AND DIVERSE INTELLECTUAL COMMUNITY. We believe social and cultural diversity
are essential to the university. They stimulate creative thought and new paths of inquiry, ensure that the research questions we tackle address the whole of society, and enable us to train leaders who encompass the entire spectrum of Californians","A PARTNERSHIP OF STUDENTS, FACULTY AND STAFF. We recognize the contributions of
each are both essential and inseparable: no group can excel without the support of the others, and each must have adequate resources for the enterprise as a whole to succeed," and "INDEPENDENCE OF MIND IN THE PURSUIT OF KNOWLEDGE. Notwithstanding the inherently political nature of a public institution, we believe the pursuit of knowledge must not be
constrained by temporal economic or political considerations. The research university is by definition a place where perceived truth is under constant challenge."

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 Strategic Academic Plan includes the value of the "PRIMACY OF PUBLIC SERVICE. Notwithstanding the growing pressure to seek private resources, we recognize our core purpose is to serve and benefit the people of California through the creation, dissemination and application of knowledge, including
outreach to underserved communities. The Plan also discusses limiting growth over concerns that limited capital may not be sufficient to funded needed investments and the need "to renew the campus physical plant, while also adapting it to more interactive and collaborative endeavors."

The website URL where information about the strategic plan is available :

http://www.cp.berkeley.edu/LRDP_2020.pdf

Physical Campus Plan

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Physical Campus Plan

Sustainability Plan

Responsible Party

Lisa McNeilly
Director
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 :

This Plan compiles previously adopted goals and strategies -- all of which involved multiple stakeholders -- into a comprehensive document to enhance accountability and transparency and to capture the culture of sustainability on campus. Where adopted by campus stakeholders, new and additional goals and strategies were included, most notably with the goal related to fuel usage by fleet vehicles and campus commutes.

The Plan relied heavily on multiple campus stakeholders for input, support, and comments, including the members of the Chancellor's Advisory Committee on Sustainability and the ad hoc Planning Subcommittee.

A brief description of the plan's measurable goals :

The Plan covers a broad overview of nine different areas of environmental sustainability, and refers to existing planning documents for more detail. In cases where strategies help achieve more than one goal (e.g., Purchasing and Waste for reduction of product packaging or Transportation and Energy for reducing the impacts of business air travel), they are only included in one section.

A brief description of how progress in meeting the plan's goals is measured :

The Office of Sustainability compiles annual reports on the campus progress toward meeting these goals and implementing these strategies.

The website URL where more information about the sustainability plan is available :

http://sustainability.berkeley.edu/os/pages/plan/index.shtml

The year the plan was developed or last updated :

2009

Climate Action Plan

Responsible Party

Lisa McNeilly
Director
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*.

"---" *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 :

In 2007, the initial work of CalCAP led Chancellor Birgeneau to commit the campus to its first greenhouse gas emissions reduction target: to reduce GHG emissions to 1990 levels by the year 2014. This target represents UC Berkeley's first steps towards climate neutrality.

A brief summary of the climate plan's short-term goals :

To meet the 2014 target an estimated 42,000 metric tons CO2e reduction is needed. The current emissions reduction mitigation strategy includes projects anticipated to get the campus over half-way to the near-term target. The projects fall into two general categories - infrastructure (mostly energy efficiency) and behavior (encourage individuals to conserve energy). The current projects have been evaluated for greenhouse gas emissions reduction potential as well as financial feasibility with a simple payback generally of 10 years or less.

The campus is focusing on energy efficiency projects through the 2009-2012 Strategic Energy Plan (SEP) in an incentive based partnership with our local utility, Pacific, Gas & Electric (PG&E). The SEP includes numerous projects in larger campus buildings and include monitoring based commissioning, building meter installation and lighting and mechanical system upgrades. The SEP projects, with a price tag of $24 million, will be funded through debt financing and rebates from PG&E. This work is already underway and will reduce emissions by about 17,500 metric tons CO2e and campus energy costs by up to $5M annually.

Year the climate plan was formally adopted or approved :

2007

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 :

1,2, & 3

The reduction level (percentage) institution has committed to :

The baseline year the institution used in its GHG emissions commitment :

The baseline emissions level institution used in its GHG emissions commitment :

The target year the institution specified in its GHG emissions commitment :

The website URL where information about the climate plan is available :

http://sustainability.berkeley.edu/calcap/pages/meetingtarget/index.shtml

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

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Measuring Campus Diversity Culture

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Support Programs for Underrepresented Groups

Criteria

Institution has mentoring, counseling, peer support, affinity groups, academic support programs, or other programs in place to support underrepresented groups on campus.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Support Programs for Underrepresented Groups

Support Programs for Future Faculty

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Affordability and Access Programs

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Gender Neutral Housing

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Employee Training Opportunities

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Employee Training Opportunities

Student Training Opportunities

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

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

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Employee Satisfaction Evaluation

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Staff Professional Development in 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

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This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Staff Professional Development in Sustainability

Sustainability in New Employee Orientation

Criteria

Institution covers sustainability topics in new employee orientation and/or in outreach and guidance materials distributed to new employees, including faculty and staff.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Childcare

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Childcare

Employee Wellness Program

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Socially Responsible Retirement Plan

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Socially Responsible Retirement Plan

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

Lisa McNeilly
Director
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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Positive Sustainability Investments

Responsible Party

Lisa McNeilly
Director
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.

Submission Note:

All data represents the holdings of the UC Berkeley Foundation.

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

Total value of the investment pool :

1055000000 *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 :

52000000 *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 :

This is not something we publish. 5% of total assets are invested in a fund that uses sustainability as one of their key criteria in evaluating investments, but not their sole one.

The website URL where information about the institution's sustainability investment activities is available :

http://www.berkeleyendowment.org/

Student-Managed Sustainable Investment Fund

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Sustainable Investment Policy

Responsible Party

Lisa McNeilly
Director
Sustainability

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Investment Disclosure

Responsible Party

Lisa McNeilly
Director
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 :

Reporting on the UC Berkeley Foundation portfolio via the Regents annual report on campus foundations:

http://www.universityofcalifornia.edu/regents/regmeet/dec11/i7attach.pdf

and through additional disclosures on our website:

www.berkeleyendowment.org

The website URL where information about investment disclosure available :

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

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Inter-Campus Collaboration on Sustainability

Responsible Party

Lisa McNeilly
Director
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 Berkeley staff work with our colleagues at the other UC schools through working groups on multiple topics. Staff and students regularly make presentations on our programs at state and national conferences, and Office of Sustainability staff have recently made presentations at higher education workshops in Japan and Australia. We worked with an intern from Oxford University to compile a primer on promoting sustainable behavior that has proved to be a popular resource.

The names of local, state, regional, national, and other campus sustainability organizations or consortia in which the institution participates and/or is a member :

A few examples include: AASHE, ACUPCC, Recyclemania, Campus Conservation Nationals, International Alliance of Research Universities (Sustainability Committee).

A brief summary of additional ways the institution collaborates with other campuses to advance sustainability :

We worked with an intern from Oxford University to compile a primer on promoting sustainable behavior that has proved to be a popular resource. We also regularly host sustainability professionals from other universities on our campus. In April, student representatives from the
Office of Sustainability, Re-
Use, and Compost Alliance
hosted a Skype session with
students from De La Salle
University (DLSU) to discuss
each university's waste reduction goals, achievements, and efforts.

The website URL where information about cross-campus collaboration is available :

Sustainability in Continuing Education

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Community Service Participation

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Community Service Hours

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Sustainability Policy Advocacy

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Trademark Licensing

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.

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Trademark Licensing

Graduation Pledge

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Graduation Pledge

Community Service on Transcripts

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Farmers' Market

This credit was marked as **Not Pursuing** so Reporting Fields will not be displayed.

Farmers' Market

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

Lisa McNeilly
Director
Sustainability

Criteria

1) Innovation credits are reserved for new, extraordinary, unique, ground■breaking, 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 :

Campbell Hall, the former Astronomy building with an observation deck and seven floors of offices and labs, is slated for demolition in 2012. Each floor contained about twenty offices furnished with one desk, chair, table, metal shelf, and filing cabinet. Although building occupants moved out in spring 2011, most abandoned their office and laboratory furniture, some even leaving books, office supplies, and filing cabinets full of materials in the building.

Traditionally, the contracted moving company throws away most items (sorting takes up too much time) and recycles the metal to clear out the building. Capital Projects explored the idea of partnering with multiple campus organizations for recycling and reuse intervention, and contacted student sustainability group ReUSE to coordinate this project. We decided to organize three "Free Days" to find homes for the reusable items and furniture in an efficient, convenient and accessible way that gives back to the campus community and reduces the amount sent to the landfill.

We partnered with ReUSE volunteers, paid BS@C GO Team students, and CRRS to prepare for and work at the event. Students identified and separated still-functional furniture and office supplies on each floor and movers relocated these materials to the ground floor. Students from all three campus organizations worked 200+ hours before and during the event.

The "Free Days" were 10am – 3pm, October 20-22. Thursday and Friday were limited just to campus students, faculty and staff (must have Cal I.D.) and Saturday was open to the public.

The Campbell Hall surge project diverted a grand total of 65.7 tons of material: 17.4 tons were reused (14.4 tons from our Free Days and another 3.1 tons by PP-CS and Capital Projects for their offices), and about 48.2 tons were recycled (42.5 tons = metal recycling, 5.67 tons = paper recycling). We had originally planned on recycling wood, but the wood box was contaminated.

A letter of affirmation from an individual with relevant expertise :

Letter of Affirmation Chess.pdf

The website URL where information about the innovation is available :

Innovation 2

Responsible Party

Lisa McNeilly
Director
Sustainability

Criteria

1) Innovation credits are reserved for new, extraordinary, unique, ground■breaking, 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 :

myPower, part of UC Berkeley's Energy Management program, is a comprehensive program aimed at permanently reducing the amount of energy the campus uses. It empowers faculty, staff, and students to take simple energy savings measures that will reduce our environmental footprint and save the campus money ■ returning those funds to teaching and research. The Energy Management project will help UC Berkeley further distinguish itself as an environmentally concerned, fiscally responsible leader in energy conservation in higher education.

Through the Energy Management program UC Berkeley can:

better monitor buildings, energy usage, and fix problems quicker
support campus units and individuals so that they can save energy
share some of the financial incentives savings with operating units
implement a new energy policy that supports this effort .

Since our energy consumption can be affected – positively or negatively – through multiple daily decisions, the incentive program enables us to recognize and be realistic about the costs of consumption. Using campus utility data, the incentive program encourages energy conservation behavior at the unit and individual level. The incentive program provides Operating Units (OUs) information on how much electricity they use. OUs that use less electricity than is allocated will receive an incentive payment, while those that exceed the allocation will incur overage charges beginning in the second year of the program. Because OUs will be able to better manage energy usage, they can pro-actively decide where to implement energy savings, qualify for tangible incentives, and utilize cost savings to fund new project.

The Energy Office tracks, monitors, and manages energy usage campus-wide to reduce energy costs; improve design, performance, and operation of buildings; and provide feedback on energy usage to building occupants. It continuously monitors the operations and maintenance of campus facilities and will be in contact with Building Managers regarding their facilities' operation and utility consumption. The Energy Office oversees the installation of software and of video monitors displaying energy usage in buildings.

A letter of affirmation from an individual with relevant expertise :

EM Ltrofaffirmation.pdf

The website URL where information about the innovation is available :

http://mypower.berkeley.edu/

Innovation 3

Responsible Party

Lisa McNeilly
Director
Sustainability

Criteria

1) Innovation credits are reserved for new, extraordinary, unique, ground■breaking, 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 :

The Cal Energy Corps is an undergraduate internship program created to engage the best and brightest students from UC Berkeley in the design, development and delivery of sustainable energy and climate solutions around the world. Launched in February 2011, this new program seeks to provide tangible contributions that build on and enhance the students' academic work -- in essence, enabling participants to make a difference by contributing their talents to real-world projects, while training and inspiring them for future careers and leadership. Cal Energy Corps placements are challenging, hands-on assignments with leading organizations in the private and public sector.

Cal Energy Corps participants spend up to twelve weeks working with partner organizations in the United States and overseas. For the summer 2012 program internships are available at different times between mid-May and mid-August.

The Cal Energy Corps provides student participants with transportation and housing costs, as well as a weekly stipend of $600 for the duration of the internship. All placements are full-time; interns are generally expected to work 40 hours per week.

Following the internship, students participate in a widely attended UC Berkeley Cal Energy Corps Symposium to share their work and lessons learned.

A letter of affirmation from an individual with relevant expertise :

Letter of Affirmation Stoll.pdf

The website URL where information about the innovation is available :

http://vcresearch.berkeley.edu/energy/welcome-cal-energy-corps

Innovation 4

Responsible Party

Lisa McNeilly
Director
Sustainability

Criteria

1) Innovation credits are reserved for new, extraordinary, unique, ground■breaking, 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 Berkeley has numerous service-learning opportunities for our students. One of them -- Building Sustainability @ Cal (BSAC) -- is a great example. The program trains and utilizes students to help reduce the environmental footprint of campus buildings by educating building inhabitants and identifying structural and operational changes that can be made to buildings and campus as a whole. This is accomplished in three ways:

Facilitating a service learning class

Hiring student interns in buildings, and

Working on case■by■case outreach and auditing projects.

The classes are run and the program is managed by five program coordinators that work with campus staff and faculty to implement projects. Where applicable, the program works with the Leadership in Energy and Environmental and Design for Existing Buildings (LEED EB) system and campus sustainability programs.

BS@C meshes the academic and the operational aspects of the university and is a unique collaboration of students, faculty, and staff. It uses the concept of service learning classes to focus the university's academic acumen directly on the university's operations. The program works closely with Capital Projects, the Office of Sustainability, Physical Plant■Campus Services and other relevant campus entities.

A letter of affirmation from an individual with relevant expertise :

Letter of Affirmation McNeillyl.pdf

The website URL where information about the innovation is available :

http://buildingsustainability.berkeley.edu/about

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

Lisa McNeilly
Director
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? :

No

Provide a brief description of the presentations, speakers or skits :

Does new student orientation incorporate sustainability information into presentations (e.g., made by Residential Advisors to individual dorm floors)? :

Provide a brief description of the presentations :

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? :

No

Provide a brief description of the activities :

Does the institution make new student orientation more sustainable via efforts such as a zero-waste meal or carbon offsets? :

No

Provide a brief description of the efforts :

Does the institution incorporate sustainability into new student orientation in other ways? :

Yes

Provide a brief description :

The Residential Sustainability Program is designed to educate and inform others about the importance of a sustainable lifestyle and to make lasting, proactive changes in the environments in which we live.

Food Education

Responsible Party

Lisa McNeilly
Director
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 :

There are many academic classes about making eco-positive food choices, including Edible Education: The Rise and Future of the Food Movement (taught by Michael Pollan). In additiona, Cal Dining helps students with their homework assignments when they are asked to track their food.

Are students educated in dining facilities about how to make eco-positive food choices? :

Yes

Provide a brief description :

The Cal Dining Student Sustainability Team designs educational materials and programming to educate patrons about food sustainability.

Information is also available in the environment section of the Cal Dining website:
Caldining/Berkeley.edu/community.html

Are students educated during orientation about how to make eco-positive food choices? :

No

Provide a brief description :

Orientation is conducted by the Office of Student Development which concentrates its efforts in making the students aware of all the resources available to them during their stay with us.

Are students educated in other venues about how to make eco-positive food choices? :

Yes

Provide a brief description :

Various clubs at UCB aim to educate students. E.g. the Berkeley Student Food Collective, the Local, the Student Organic Gardening Association.

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 Student Organic Gardening Association facilitates student-led courses every semester to teach students how to organically garden.

Food and Beverage Purchases

Responsible Party

Lisa McNeilly
Director
Sustainability

Criteria

Institution provides details of its food and beverage purchases.

Submission Note:
Percentages calculated by Cal Dining staff.

"---" *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 :

26

The percentage of food and beverage expenditures that were grown within 100 miles of the institution :

8.10

List what tool your institution is using to track this information (e.g. Center for Environmental Farming Systems or CBORD) :

Cal Dining uses the "Buy Fresh, Buy Local" campaign's definition of "local food." "Local food" is defined as food grown or produced within a 16-county radius, which is approximately 250 miles.

List items procured for dining services from on-campus organic garden(s) :

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 :

NUMI Teas
Chocolate (retail)
Peet's Coffee works directly with farmers to ensure fair trading practices

Confinement-Free Food Purchases

Responsible Party

Lisa McNeilly
Director
Sustainability

Criteria

Institution provides details of its confinement-free animal product purchases.

Submission Note:

We strive for 100% implementation, but we hesitate to give estimates above 90% in order to account for mistakes and situations that may disrupt our sustainability policies.

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

Type of cage-free / free-range eggs purchased :

Organic eggs, whole and liquid

Percentage purchased :

90

Comments :

From Wilcox Family Farms

Type of confinement-free product purchased (1st product) :

Mary's Free Range Chicken

Percentage purchased (1st product) :

50

Comments (1st product) :

From Pitman Family Farms

Type of confinement-free product purchased (2nd product) :

Organic Clover Milk

Percentage purchased (2nd product) :

90

Comments (2nd product) :

Excluding Peet's Coffee locations and individual milk cartons sold in retail locations

Type of confinement-free product purchased (3rd product) :

Niman Ranch Beef

Percentage purchased (3rd product) :

90

Comments (3rd product) :

Type of confinement-free product purchased (4th product) :

Diestel Farms Turkey

Percentage purchased (4th product) :

90

Comments (4th product) :

Vegetarian-Fed Food Purchases

Responsible Party

Lisa McNeilly
Director
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) :

Organic eggs, whole and liquid

Percentage purchased (1st product) :

Comments (1st product) :

From Wilcox Family Farms

Type of vegetarian-fed product purchased (2nd product) :

Mary's Free-Range Chicken

Percentage purchased (2nd product) :

Comments (2nd product) :

From Pitman Family Farms

Type of vegetarian-fed product purchased (3rd product) :

Organic Clover Milk

Percentage purchased (3rd product) :

Comments (3rd product) :

Excluding Peet's Coffee locations and individual milk cartons sold in retail locations.

Type of vegetarian-fed product purchased (4th product) :

Niman Ranch Beef

Percentage purchased (4th product) :

Comments (4th product) :

Type of vegetarian-fed product purchased (5th product) :

Diestal Farms Turkey

Percentage purchased (5th product) :

Comments (5th product) :

Hormone-Free Food Purchases

Responsible Party

Lisa McNeilly
Director
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) :

Organic eggs, whole and liquid

Percentage purchased (1st product) :

Comments (1st product) :

From Wilcox Family Farms

Type of hormone-free product purchased (2nd product) :

Mary's Free Range Chicken

Percentage purchased (2nd product) :

Comments (2nd product) :

From Pitman Family Farms

Type of hormone-free product purchased (3rd product) :

Organic Clover Milk

Percentage purchased (3rd product) :

Comments (3rd product) :

Excluding Peet's Coffee locations and individual milk cartons sold in retail locations.

Type of hormone-free product purchased (4th product) :

Niman Ranch Beef

Percentage purchased (4th product) :

Comments (4th product) :

Type of hormone-free product purchased (5th product) :

Diestel Farms Turkey

Percentage purchased (5th product) :

Comments (5th product) :

Seafood Purchases

Responsible Party

Lisa McNeilly
Director
Sustainability

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) :

Alaskan Pollack

Percentage purchased (1st product) :

80

Standard used (1st product) :

MSC

Comments (1st product) :

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (2nd product) :

Blue Fin Tuna

Percentage purchased (2nd product) :

80

Standard used (2nd product) :

MSC

Comments (2nd product) :

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (3rd product) :

Shrimp

Percentage purchased (3rd product) :

80

Standard used (3rd product) :

MSC

Comments (3rd product) :

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (4th product) :

Cape Capensis

Percentage purchased (4th product) :

100

Standard used (4th product) :

MSC

Comments (4th product) :

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (5th product) :

Percentage purchased (5th product) :

Standard used (5th product) :

Comments (5th product) :

Dishware

Responsible Party

Lisa McNeilly
Director
Sustainability

Criteria

Institution provides details of the dishware its provides at its dining services locations.

"---" 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? :

No

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? :

No

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. :

Energy Initiatives

Responsible Party

Lisa McNeilly
Director
Sustainability

Criteria

Institution provides details about its energy initiatives.

Submission Note:

(a) The percentages of electricity and thermal consumption reduced are calculated as the ratio of the estimated savings from the retrofit projects over the three year period divided by total use of electricity and steam in 2011.

"---" *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 :

24.40

The percentage of overall energy consumption reduced as a result of retrofits and renovations completed within the past three years :

The percentage of electricity consumption reduced as a result of retrofits and renovations completed within the past three years :

4

The percentage of thermal energy consumption reduced as a result of retrofits and renovations completed within the past three years :

4

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 :

0

The names of all buildings that are ENERGY STAR labeled :

Energy Use by Type

<div align="center">

Responsible Party

Lisa McNeilly
Director
Sustainability

</div>

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. :

1

The percentage of total electricity use from wind. :

3.80

The percentage of total electricity use from biomass. :

4.20

The percentage of total electricity use from natural gas. :

19.60

The percentage of total electricity use from solar PV. :

0.10

The percentage of total electricity use from geothermal. :

4.80

The percentage of total electricity use from nuclear. :

23.80

The percentage of total electricity use from hydro. :

18.50

The percentage of total electricity use from other. :

22.90

Provide a brief description. :

From PG&E: http://www.pge.com/myhome/edusafety/systemworks/electric/energymix/'. Total hydro includes large (15.6%) and small (2.9%).

The percentage of total energy used for heating buildings from coal. :

0

The percentage of total energy used for heating buildings from biomass. :

0

The percentage of total energy used for heating buildings from electricity. :

0

The percentage of total energy used for heating buildings from natural gas. :

100

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

The percentage of total energy used for heating buildings from other. :

0

Provide a brief description. :

If cogeneration, please explain. :

Our steam plant (used for heating and hot water) is a natural-gas fired co-generation plant.

Procurement

Responsible Party

Lisa McNeilly
Director
Sustainability

Criteria

Institution provides details about its procurement efforts.

Submission Note:

The campus is in the process of converting to a new software that will allow better tracking of sustainable product purchases. Right now, we are not able to provide an accurate percentage of purchases.

"---" *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) :

Does the institution's vendor code or policy require vendors to use less packaging? :

Yes

Bike Sharing

Responsible Party

Kira Stoll

Sustainability Manager

Office of Sustainability

Criteria

Institution reports the number of bicycles available through bike sharing programs.

Submission Note:

The campus had a small pilot program operated by students several years ago that is no longer operational. The campus is considering opportunities in the future for bike sharing as part of a regional effort that is underway.

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

The number of bicycles available through bike sharing programs :

0

Water Initiatives

Responsible Party

Lisa McNeilly
Director
Sustainability

Criteria

Institution provides details about its water initiatives.

"---" *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 :

A student referendum to support the "phase out the purchase, sale, and distribution of bottled water" passed in 2011 by a margin of 5 to 1. In addition, the student store has stopped selling bottled water, and we have an I Heart Tap Water campaign.

Does the institution meter any of its non-potable water usage? :

Yes

The percentage of urinals on campus that are waterless :

0

Endowment

Responsible Party

Lisa McNeilly
Director
Sustainability

Criteria

Institution provides details about its endowment.

Submission Note:

The answer of "no" to the questions of whether the institution lacks the ability to vote proxies hinged on investments in mutual funds as the only available reason. The UC Berkeley Foundation most often is invested in commingled vehicles that are similar to mutual funds, but are not actually mutual funds. So, we delegate the voting of all the thousands of all underlying proxy votes to the professional fund managers we work with.

"---" *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 :

1055000000 *US/Canadian $*

Date as of :

June 30, 2011

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)? :

No

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)? :

No

Do investment managers handle the details of proxy voting on environmental and social resolutions? :

No

Do investment managers handle the details of proxy voting on corporate governance resolutions? :

No

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? :

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? :

Does a committee that includes student representatives deliberate and make recommendations or decisions on proxy votes on enviromental and social resolutions? :

No

Does a committee that includes student representatives deliberate and make recommendations or decisions on proxy votes on corporate governance resolutions? :

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

Lisa McNeilly
Director
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:

(a) Answer to first question represents the number of FTE (number of people working full-time or approximately 2000 hours a year) in the Office of Sustainability
(b) Answer to second question represents the approximate FTE (same definition as above) on staff working on sustainability (including Office of Sustainability staff)
(c) Answer to third question represents the number of student FTE (again, same definition) working directly for the Office of Sustainability; at any given time, there are 50-100 additional student internships on campus related to sustainability.

"---" *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) :

3

FTE staff on payroll :

8

FTE student intern/fellow :

2