

Iowa State University

The following information was submitted through the [STARS Reporting Tool](#).

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

Education & Research

Co-Curricular Education

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

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

Student Sustainability Educators Program

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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:

The information for CyGold was provided by Jared Knight (jfknight@iastate.edu), ISU's Government of the Student Body President for 2012-2013, and one of the founders of CyGold.

The information for the Recycling Chairs and Sustainability Coordinators was provided by Carolyn Duven (cduven@iastate.edu), a Hall Director in ISU's Department of Residence.

The number of students reached by CyGold is listed as the total ISU enrollment for Fall 2012. This is because CyGold can give a presentation to any requesting student organization, and since any student can join a student organization, all students can benefit from CyGold's peer-to-peer education.

The number served by the Sustainability Coordinators and Recycling Chairs equals the most recent number of residents in the Department of Residence, since all residents have a Recycling Chair and Sustainability Coordinator that works with them.

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

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

31,040

Program name (1st program):

CyGold

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

31,040

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

CyGold is a student organization focused on financial literacy peer education and mentoring. Topics include general banking, credit cards, money management, stocks and portfolio diversification and products, retirement accounts, insurance, financial aid, credit, credit score, and credit reports. Examples of peer-to-peer outreach activities include financial literacy presentations in residence halls, fraternities, and sororities. In addition, other student organizations can contact CyGold requesting a presentation.

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

Student educators are interviewed by CyGold leadership and faculty in the department of Human Development and Family Studies. Iowa State University is also one of six colleges or universities nationally that has a Financial Counseling Clinic, whose staff aids in the selection process.

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

CyGold developed its financial literacy presentation in harmony with Iowa State's Office of Student Financial Aid. Students are trained on information given to them from the Office. Having compiled all the components of financial aid into one presentation, CyGold members are prepared to answer various student questions that may be brought up. In addition, Iowa State's Financial Counseling Clinic provides development and training of CyGold's peer educators based on a set curriculum.

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

The organization is advised by an enrollment services adviser in Iowa State's Office of Student Financial Aid. This is a staff member who answers any questions, approves purchases, and signs off on important club decisions. As a student organization, Iowa State also provides part of its student activities budget to CyGold to fund its operations. Finally, the Financial Counseling Clinic has professional staff members that are provided as support to CyGold.

The website URL for 1st Program:

<http://sodb.stuorg.iastate.edu/view.php?id=1713>

Program name (2nd program):

Department of Residence Sustainability Coordinators & Recycling Chairs

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

9,930

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

The ISU Department of Residence has one Sustainability Coordinator per residence hall or on-campus apartment, as well as one Recycling Chair within each house, representing one floor or wing of a floor in each building. These two positions are held by students, and are tasked with talking about the importance of recycling, managing recycling issues, utilizing sustainability materials provided to them with residents, and involving residents with events like RecycleMania. Sustainability Coordinators may also choose to create their own sustainability-related events for their buildings.

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

Residents living in university housing can choose to run for either position after the house leader (Community Advisor) describes them in detail. Although their peers elect these two positions, an employee of the Department of Residence (DOR) must approve all appointments. This staff member is the advisor for the GreenHouse Group, a student organization that works closely with the DOR in promoting sustainability in the residence halls and on-campus apartments.

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

The GreenHouse Group (GHG) creates training for the Sustainability Coordinators and Recycling Chairs, which is approved by GHG's staff advisor on behalf of the Department of Residence (DOR). Furthermore, the ISU Facilities Planning & Management Department and DOR Hall Directors, which are paid staff members, also approve the training. Finally, a course is set up for students elected to these positions on the university's Blackboard website, which is a required component of their training.

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

Each residence community's Hall Council provides funding for the Sustainability Coordinators, while the Recycling Chairs are funded by the respective House Cabinets. The university provides all these funds. In addition, these educators receive staff support from Hall Directors and the Department of Residence's Green Team, consisting of residence staff members, as well as support from the GreenHouse Group's advisor, who also works for the Department of Residence.

The website URL for 2nd program:

<http://www.housing.iastate.edu/life/sustainability/greenhouse>

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

Kristi Patel

Assistant Director of Retail Operations
ISU Dining

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
-

Submission Note:

The Dining URL describes the program, and information on the campaign's positive impacts can be found in ISU's Sustainability Reports, located at:

<http://www.livegreen.iastate.edu/about/accomplishments/>

"---" 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):

Bring Your Own Mug Coffee Discount

A brief description of the campaign(s):

Campus Sustainability Data Collector | AASHE

ISU Dining conducts an annual awareness campaign to market to customers the ability to bring a clean, reusable tumbler or cup and receive a \$0.35 discount on a beverage purchase at all of their retail locations. This yearly promotion includes posting signs advertising the program in the majority of their retail facilities. In addition, ISU Dining sells a variety of reusable beverage containers in many of their stores. This includes a special “ISU Dining” tumbler, which is sold at cost in an effort to promote sustainable practices. In total, 1,781 reusable coffee mugs were sold from the spring of 2007 to the spring of 2010. Finally, the number of disposable cups diverted from the waste stream is made available to students and the public as part of Iowa State’s Sustainability Annual Report.

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

From May 1st, 2011-April 30th, 2012 ISU Dining recorded 43,056 beverages purchased with a reusable tumbler at the discounted price, equaling the number of disposable cups diverted from the waste stream during that year. This is an increase from the 32,850 disposable coffee cups kept out of the waste stream in 2010-2011. As a comparison, in 2008-2009 ISU Dining used 500,000 disposable coffee cups.

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

<http://dining.iastate.edu/sustainability/other-initiatives>

Sustainability in New Student Orientation

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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.

Submission Note:

The information on Department of Residence sustainability activities in new student orientation was provided by Carolyn Duven, a Hall Director in ISU's Department of Residence. Contact:
cduven@iastate.edu

The information on sustainability activities at Destination Iowa State was provided by Kyle Holtman, Destination Iowa State Coordinator in ISU New Student Programs. Contact:
holtman@iastate.edu

The information on summer orientation activities was provided by Elizabeth Kurt, Director of ISU New Student Programs. Contact:
lvkurt@iastate.edu

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

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

Yes

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

In the Department of Residence (DOR) there is a house meeting during summer orientation where the recycling program is explained to all new residents. Community Advisors (CA) lead each house, and after attending summer training on sustainability, they discuss sustainability with residents as well as describe the Recycling Chair and Sustainability Coordinator positions that residents can apply for. A staff member in the Department of Residence and a leader in the GreenHouse Group, which is the DOR's liaison student group promoting sustainability in university residences, provide the training.

Additionally, there are several events during new student orientation where sustainability is incorporated. ISU Dining facilities include signage during orientation meals about local foods served. There is also a resource fair, which includes a booth for Iowa State's Live Green! Sustainability Initiative. Finally, all students who attend orientation are taken on a campus tour, during which the Live Green! Initiative is discussed as well as some of the sustainable features on campus.

Finally, part of ISU's new student orientation includes a several-day event right before the start of classes called Destination Iowa State. Sustainability is incorporated into the event by recycling waste at several of the food events. In addition, during summer orientation a conscious effort is made to keep activities close to each other to eliminate driving to activities. Guests are encouraged to park in a free lot and either walk or take the city bus to save fuel.

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

Sustainability Outreach and Publications

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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
-

Submission Note:

The building signage information was provided by Kerry Dixon, Coordinator of Sustainable Design and Construction in ISU's Facilities Planning and Management Department. Contact:
kdixon@iastate.edu

The sustainable grounds-keeping signage information was provided by Chris Strawhacker, Landscape Designer in ISU's Facilities Planning and Management Department. Contact:
cstrawha@iastate.edu

Information on green living guides was provided by Carolyn Duven, Hall Director in ISU's Department of Residence. Contact:
cduven@iastate.edu

"---" 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:

Iowa State University has had a campus-wide sustainability initiative since 2008, called Live Green! As the overarching program promoting sustainability, Live Green maintains a central sustainability website that includes information on sustainability-related programs, a calendar for upcoming events, ways to live sustainably, and opportunities to study sustainability at Iowa State. This website also has information on resources for implementing sustainable initiatives and getting involved. Finally, there are marketing materials available to promote the initiative, including wallpaper and logos for use, links to other sites affiliated with the initiative, such as Live Green's Twitter and Facebook pages, and contact information for campus sustainability leaders.

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

<http://www.livegreen.iastate.edu/>

Does the institution have a sustainability newsletter?:

Yes

A brief description of the sustainability newsletter:

The Live Green! Initiative at ISU publishes a monthly newsletter, called Live Green Monthly, which is distributed electronically through Live Green's website and through email. This newsletter includes sustainability-related events, ways to live more sustainably, and information about student clubs or organizations promoting sustainability. This newsletter is published by an intern, who also includes seasonal stories related to student travel during breaks, environmental impacts of holidays, and information on what ISU programs do to be sustainable.

The website URL for the sustainability newsletter:

<http://www.livegreen.iastate.edu/news-and-events/newsletters>

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

Yes

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

Iowa State University has the Office of the Vice President for Research and Economic Development, which manages a webpage listing the various research centers and institutes on campus. Within the webpage are links to the seven college research units in the university, each with its own website that includes links, news, and articles. These sites publish and disseminate all research done within the colleges, and any prominent student research on sustainability is included.

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

http://www.vpresearch.iastate.edu/en/centers__institutes/

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

Yes

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

Iowa State's LEED certified buildings have touchscreen kiosks that allow visitors to learn more about the sustainable features within those buildings. In addition, all of Iowa State's green buildings have online brochures available highlighting more green features and including a self-guided walking tour of certain buildings. Finally, each of ISU's LEED certified facilities has a LEED plaque prominently displayed close to the main entrance.

Kiosk information:

<http://morrill.isu.greentouchscreen.com/>

<http://www.morrill.iastate.edu/>

Building information and brochures:

<http://kingpavilion.isu.greentouchscreen.com/>

<http://www.fpm.iastate.edu/maps/buildings/docs/MORRILL/Capital%20Projects/LEED%20Brochure/Morrill%20Hall.pdf>

<http://www.fpm.iastate.edu/maps/buildings/docs/HACH/Capital%20Projects/LEED%20Brochure/Hach%20Hall.pdf>

<http://www.fpm.iastate.edu/maps/buildings/docs/BRL/Capital%20Projects/LEED%20Brochure/BRL.pdf>

<http://www.fpm.iastate.edu/maps/buildings/docs/KING%20PV/Capital%20Projects/LEED%20Brochure/King%20Pavilion.pdf>

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

<http://www.engineering.iastate.edu/brl/brc/>

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:

ISU's dining facilities have signs highlighting local foods being served. This includes information on the "Farm to ISU" program, which coordinates the purchases of local, organic, and alternatively produced agricultural products. Part of the program consists of a "Meet the Farmer" event, where local farmers whose food is being served come to campus and discuss their farms. During this event, held at ISU dining halls, brochures are available with more information on individual farms. Finally, there are signs posted throughout food service areas highlighting ISU's reusable mug discount program, which provides anyone who buys a beverage with their own container a \$0.35 discount.

Information on "Meet the Farmer" events:

<http://www.dining.iastate.edu/news/view?id=110>

Information on the reusable mug discount:

<http://www.dining.iastate.edu/sustainability/other-initiatives>

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

<http://www.dining.iastate.edu/farm>

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

Yes

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

Iowa State has installed signs to educate about the variety of sustainable practices that are used on campus. Signs are intended to be installed at a site for a short period (up to 2 years) and are then relocated to new sites where practices are being implemented. They are printed on adhesive backed vinyl and are installed on aluminum sign blanks. Examples of sign messages include encouraging students to help maintain the campus lake's water quality, promoting sidewalk use to help grass recovery, and informing students about the benefits of native prairies located on campus.

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:

Iowa State University discusses Live Green, the university-wide sustainability initiative, on all campus tours. This includes showing the solar trash compactors on campus, talking about the history of sustainability at ISU, and highlighting the university's LEED certified buildings. In this way, every visitor to Iowa State is able to learn about what Iowa State does to be green, and is physically exposed to sustainability during his/her tour of campus.

The website URL of the sustainability walking map or tour:

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:

Iowa State's Government of the Student Body (GSB) provides a website with carpool and ride share information. Carpooling is for anyone looking to commute to Ames for class or work, while the ride share program is for anyone planning a road trip or for students going home. In addition, Iowa State's Facilities Planning & Management Department manages an online map of bicycle trails on campus. This also includes locations of bike racks throughout the university.

Another on-campus resource for alternative methods of transportation is the Ames Intermodal Facility (AIF). This is Ames's bus station, which is served by intercity buses to nearby cities such as Des Moines, Kansas City, Minneapolis, and Chicago. The facility also has parking available, which is free for carpools and vanpools. Finally, Iowa State Transportation Services offers a vanpool program, through which university employees driving to and from work may use university owned vans to commute together with other staff members.

Bike route and rack website:

<http://www.fpm.iastate.edu/maps/>

Ames Intermodal Facility:

<https://aif-parking.sws.iastate.edu/>

Vanpool information:

<http://transportation.iastate.edu/vanpool>

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

<http://rideshare.gsb.iastate.edu/>

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:

Iowa State's Government of the Student Body (GSB) provides a link on their website to Campus Green Builder, a nationwide online resource for green building and sharing campus sustainability efforts. In addition, Iowa State's Live Green Initiative has published a document called "10 Ways to Start Living Green!" This includes tips for reducing water use, electricity use, and other ways to incorporate sustainability into residential life. More tips can be found on Live Green's "Tips" webpage.

Finally, the ISU Department of Residence (DOR) provides several resources to residents to incorporate green living into their facilities. The DOR maintains educational bulletin boards in residence halls with ways residents can decrease their energy use. There is also a green living guide called "Guide to the Green Galaxy" for Community Advisors, which are the leaders of each house in the university residences. This document includes tips on making a room more environmentally friendly, including links to resources for both dorm rooms and apartments. The CA's are then able to use this information to spread to their residents. In addition, the DOR has slides with information on their website that are available to all students. The information was provided by the GreenHouse Group, a student organization on campus, and approved by the DOR. Presentations include tips to make a room more sustainable, information on reusing items instead of disposing them, and giving examples of common items that can be reused.

10 Ways to Start Living Green!:

<http://www.livegreen.iastate.edu/sites/default/files/10Things.pdf>

Department of Residence:

<http://www.housing.iastate.edu/life/sustainability>,
<http://www.housing.iastate.edu/life/sustainability/greenhouse>

Live Green! Tips:

www.livegreen.iastate.edu/living/go

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

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

Yes

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

Iowa State's student newspaper is the Iowa State Daily, which has several reporters who cover sustainability-related news on campus and in the community. Topics range from sustainable products, to the Ames farmer's markets and campus energy. Examples of articles and photos taken by these reporters that have been published can be found in the URL.

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

<http://www.iowastatedaily.com/cystainability/>

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

Yes

A brief description of this material:

Live Green! In Review is a document that was published in 2011 to cover all the accomplishments related to sustainability at ISU during the previous three years (2008-2011). The document paints a picture of the university's sustainable journey through pictures, graphs, and articles that describe the progress Iowa State made in areas like education and research, waste reduction and diversion, and operations. This publication is available online through the Live Green initiative's website.

The website URL for this material:

<http://www.livegreen.iastate.edu/docs/LiveGreen-in-review-2008-2011.pdf>

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

Yes

A brief description of this material:

Iowa State’s Leopold Center for Sustainable Agriculture publishes a quarterly newsletter called the “Leopold Letter.” The newsletter’s mission is to inform readers about the Center’s programs and activities. In addition, the Letter has the broader goal of promoting sustainable farming and marketing opportunities for sustainable products, as well as encouraging discussion of sustainable agriculture both within Iowa and nationally. The publication includes updates on sponsored projects, information about classes related to sustainable agriculture, as well as recent news.

The website URL for this material:

<http://www.leopold.iastate.edu/news/newsletters>

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

Yes

A brief description of this material:

Iowa State Extension and Outreach publishes an online blog connecting family and the environment. Entitled “Ecofamily,” the site includes posts submitted by community members discussing home products, making family events more sustainable, and other resources for families. Any post can be commented on by anyone, and readers can subscribe to the blog to automatically receive updates.

The website URL for this material:

<http://blogs.extension.iastate.edu/isuecofamily/>

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

Yes

A brief description of this material:

Since the 2009-2010 academic year Iowa State has produced an annual Sustainability Progress Report. This is a summary of what has been done on campus to promote sustainability throughout the previous year, and is included on the Iowa Board of Regents meeting agendas. These reports are publicly available, and are meant to be all encompassing in the accomplishments described.

The website URL for this material:

<http://www.livegreen.iastate.edu/about/accomplishments>

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

A brief description of this material:

Campus Sustainability Data Collector | AASHE

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:

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Submission Note:

The other student groups listed identify themselves as sustainability-related groups, and are able to post information and events on ISU's Live Green! website. However, Iowa State also has additional groups that address sustainability, which can be found in the Student Organization Database:

<http://sodb.stuorg.iastate.edu/>

"---" 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:

Iowa State University has many active student groups focused on sustainability, and the following groups serve only as a highlight of the types of clubs on campus.

Iowa State has a group to bring together sustainability-related clubs on campus called The Green Umbrella (TGU). The Green Umbrella's goals include making students more aware of the sustainability efforts around them, creating an open forum for discussing green initiatives at ISU, and acting as a voice to administration about student sustainability issues.

<http://sodb.stuorg.iastate.edu/view.php?id=1586>

In terms of reaching out to particular residents, Iowa State has The GreenHouse group, which targets students in university residences, as well as Greeks Go Green, which targets members of the ISU Greek community. The GreenHouse Group is involved in educating students living in university housing about recycling and sustainability, involving residents in sustainability activities and events, and serving as the student voice to the ISU Department of Residence regarding sustainability issues (

<http://sodb.stuorg.iastate.edu/view.php?id=1603>

). Greeks Go Green works with the university to help the Greek community reach sustainability goals, they help promote Greek sustainability events and philanthropies, and they host their own sustainability-related events (

<http://sodb.stuorg.iastate.edu/view.php?id=1968>

).

Iowa State also has Closets Collide, which is a student group that organizes clothing swap events. The group promotes sustainable fashion and clothing retail not only on campus, but also within the Ames community, while educating students and community members about these issues at their events. Closets Collide also partners with Ames businesses and other student organizations, and membership is open to all majors and areas of interest (

<http://sodb.stuorg.iastate.edu/view.php?id=1648>

).

Finally, there are two student groups on campus focusing on renewable energy. ISU BioBus processes reclaimed vegetable oil into biodiesel to power city transit buses. The organization consists of students from various majors, and is a registered non-profit. In promoting collaboration on campus, BioBus receives their oil from ISU Dining facilities (

<http://www.stuorg.iastate.edu/biobus/index.html>

). Finally, Team PrISUm is an organization that builds and races a solar car every two years. The club raises funds, obtains materials and assembles the cars. Their efforts culminate in a countrywide competition, called the American Solar Challenge (

<http://solarcar.stuorg.iastate.edu/home.php>

).

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

1. Student groups have created, organized, and managed university-wide sustainability events for students, faculty, staff, and the public. Some examples are National Campus Sustainability Day (NCSD,

http://www.iowastatedaily.com/news/article_3dbbea5c-1e2c-11e2-9d36-0019bb2963f4.html

), during which various student organizations and businesses who promote sustainable practices visit with students on campus and discuss their initiatives. NCSD is organized annually by The Green Umbrella (TGU), which also coordinated Sustainapalooza (

<http://www.livegreen.iastate.edu/news-and-events/symposium-on-sustainability>

), an event in Spring 2012 to educate visitors about the university's sustainability accomplishments and to provide resources for furthering sustainability on campus, as well as a tent for sustainable organizations to promote themselves to the community at VEISHEA, Iowa State's annual university-wide celebration (

<http://www.livegreen.iastate.edu/sites/default/files/May2012.pdf>

).

Closets Collide also contributes to the many university-wide sustainability events that have been hosted on campus. Most notably, they organize an annual community clothing swap (

<http://www.livegreen.iastate.edu/sites/default/files/May2011.pdf>

).

2. Another major recent accomplishment is the implementation of a multi-commodity residential housing recycling program in partnership with the Department of Residence. This is available in all our residential communities, and to support the program the GreenHouse Group has established infrastructure consisting of sustainability coordinators and recycling chairs, along with other resources. The GreenHouse Group currently maintains the recycling program in place for residents of the Department of Residence (

<http://archive.inside.iastate.edu/2010/0225/greenawards.php>

).

3. A third activity is both university residence and Greek-focused initiatives and events related to sustainability. The GreenHouse Group is the main club focusing on mobilizing students living in university housing to live sustainably by organizing events such as RecycleMania and Earth Hour 2012 on campus. In 2011 and 2012 The GreenHouse Group coordinated Iowa State's participation in RecycleMania by partnering with the ISU Department of Residence, with the main goal of increasing recycling within campus residential housing. (

<http://www.livegreen.iastate.edu/sites/default/files/May2011.pdf>

,

<http://www.livegreen.iastate.edu/sites/default/files/May2012.pdf>

). Earth Hour was another event coordinated by The GreenHouse Group. The goal was to raise awareness about sustainability and to show the need to minimize our negative impact on climate change. The GreenHouse Group encouraged all students to shut off their lights for one hour in 2012, and during Earth Hour 2011 they also planned other events to promote sustainability (

<http://www.livegreen.iastate.edu/sites/default/files/May2011.pdf>

).

Greeks Go Green has also coordinated events related to sustainability and helped raise awareness, but its main focus has been on Iowa State's Greek community. In September 2012 they coordinated a cleanup of Lake Laverne on campus, bringing together students to collect garbage around the lake (

<http://www.livegreen.iastate.edu/sites/default/files/Oct2012.pdf>

).

4. Finally, ISU BioBus and Team PrISUm have had recent accomplishments in promoting renewable energy and alternative fuels. In the spring of 2011 CyRide, the city bus service in Ames, started using fuel that BioBus created from campus dining services' used vegetable oil (

<http://www.inside.iastate.edu/article/2012/03/22/biobus>

).

Team PrISUm focuses on solar energy to power a vehicle. In June 2012 they raced a solar-powered car they designed and built across the country, and had their highest-ever finish in a national competition against ten other cars (

<http://www.inside.iastate.edu/article/2012/07/26/solar>

).

In 2009 Iowa State was also one of twenty universities that participated in the U.S. Department of Energy's Solar Decathlon, where a multi-disciplinary student team built a house featuring sustainable building practices and technologies. After the competition the house was purchased by the Iowa Department of Natural Resources, and is being used as an interpretive center at their Honey Creek State Park resort (

<http://www.solard.iastate.edu/>,<http://www.iowadnr.gov/portals/idnr/uploads/Iowa%20Outdoors%20News/2009/09oct27io.pdf>),<http://www.iastate.edu/stories/2012/11/sustain>

List other student groups that address sustainability:

AgArts, Slow Food-ISU, Lorax Troop, ActivUS, Sustainable Agricultural Student Association, Green Life Club, Ducks Unlimited, Engineers for a Sustainable World, ISU Habitat for Humanity, Ecological Society of America SEEDS, Students Helping Our Peers

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

<http://www.livegreen.iastate.edu/involved/stuorgs/>

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

"---" 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:

ISU Student Organic Farm (SOF) is a student organization that runs an on-campus garden, which is available to undergraduate and graduate students, faculty, and Ames community members. SOF practices and experiments with organic production methods, and seeks to increase community awareness and support of local food systems. By making the garden available to anyone, the group encourages multidisciplinary cooperation in sustainable food systems. SOF's plants include tomatoes, onions, and peanuts, and members are encouraged to help with planting, growing crops, and selling the products. Starting in the fall 2012 semester, SOF sells produce from the garden to ISU Dining through the Farm to ISU program.

The website URL where information about the garden is available:

<http://isustudentorganicfarm.weebly.com/>

Model Room in a Residence Hall

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

Themed Housing

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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

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

Yes

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

Iowa State offers various learning communities, which are programs for first-year students with similar majors or interests to live and take classes together. Included is the Science of the Environment and Sustainable Systems Learning Community (SESS), which is offered for the first time in the 2012-2013 academic year. This learning community is open to all majors, and offers interested students the opportunity to study sustainability concepts with their peers and faculty and participate in community service projects through an introductory course and seminar in environmental studies. Students are further exposed to sustainability issues through lectures and field trips, and they are able to experience green living firsthand. The Science of the Environment and Sustainable Systems Learning Community (SESS) students live together in Larch Hall, one of the residence halls in Iowa State's Department of Residence. To apply to this learning community, students must sign up for the required course at orientation, as well as register for housing with their housing contract.

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

<http://www.lc.iastate.edu/directories/sustain.html>

The total number of residents in themed housing. :

4

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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

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

Yes

A brief description of the enterprise:

Iowa State has two student organizations that run an enterprise, which are Students Helping Our Peers (SHOP) and Student Organic Farm. The SHOP was created by ISU students looking to give back to campus. Their mission is to help ISU students in need of food assistance, making it a peer-to-peer organization. Located on campus, the SHOP has regularly scheduled hours when volunteers distribute food that is obtained through donations. The service is available to all students, who receive food without record, allowing customers to maintain anonymity. ISU's other student-run enterprise also deals with sustainable food. The ISU Student Organic Farm (SOF) has been on campus since 1996, and students have since managed all aspects of the farm, including planning, sales, writing grants, managing money, stocking supplies, building structures, and growing crops. Products have been sold at the Ames Farmer's Market, donated to shelters and food banks in Ames, and have been sold to ISU Dining through their Farm to ISU program. Part of SOF's business model encourages new students to share their skills and time with the farm and, although they have a wide variety of crops, SOF is always willing to try growing new crops, while maintaining production goals and organic farming methods.

Student Organic Farm:

<http://isustudentorganicfarm.weebly.com/>

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

<http://sodb.stuorg.iastate.edu/view.php?id=1742>

Sustainability Events

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

"---" 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):

Iowa State University holds an annual Symposium on Sustainability to highlight achievements and to promote sustainability on a university-wide level. Past symposiums have featured keynote lectures by prominent leaders in sustainability, both in policy and in business, sustainability award presentations, and student discussions related to sustainability. The symposium in 2012 varied in that it focused on celebrating, recognizing, and reflecting on the many accomplishments in sustainability at ISU since the beginning of the Live Green! Initiative in 2008. It was called Sustainapalooza, and featured remarks by Iowa State's President, a poster session, and various presentations.

Iowa State has also held a lecture series on sustainability, called the Live Green! Sustainability Series. Speakers were identified with the ISU Committee on Lectures who presented on sustainability-related topics, and they were promoted through Live Green! All lectures were public and speakers ranged from university professors to leading authors.

Previous years' symposia:

<http://www.livegreen.iastate.edu/news-and-events/symposium-on-sustainability/symposium-archives>

Lecture series:

<http://archive.inside.iastate.edu/2009/0917/heinberg.php>

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

<http://www.livegreen.iastate.edu/news-and-events/symposium-on-sustainability/symposium-archives/2012>

Outdoors Program

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Submission Note:

The seven Leave No Trace Principles followed by the Outdoor Recreation Program are listed on the following website:

<http://lnt.org/learn/7-principles>

"---" 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:

Iowa State offers the Outdoor Recreation Program, which provides a variety of low-cost opportunities to take on-campus classes to learn outdoor skills as well as to attend weekend and extended outdoor trips around the U.S. Workshops include rock climbing, whitewater kayaking, and rappelling. Students are also able to attend local trips during the school year to nearby state parks, as well as trips during breaks for backpacking, caving, or skiing/snowboarding. The overarching goals of the program are to help build friendships, overcome challenges, teach new skills, and help others experience and learn about lifelong outdoor activities. In doing so, one of the core principles of the Outdoor Recreation Program is to organize trips while following Leave No Trace principles. The program employs the seven Leave No Trace Principles from the website

lnt.org

on all their trips. These are discussed at all of the program's pre-trip meetings. Examples of how the principles are incorporated include staying away from vegetation when selecting a campsite, taking all garbage out, and bringing a portable toilet for all solid human waste.

The website URL where information about the program is available:

<http://recservices.iastate.edu/outdoors>

Themed Semester or Year

This credit was marked as **Not Applicable** for the following reason:

Institution does not have themed semesters, years, or first-year experiences.

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

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

Part 1

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

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

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

Part 2

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

Part 3

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

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

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

Yes

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

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.

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

Yes

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

Through a Live Green! Internship, a student looked at all courses offered at the university and identify which courses were sustainability-related and which were sustainability-focused. By reading course descriptions available in ISU's course catalog, courses were marked if they met either of the sustainability definitions used. Finally, all course names and descriptions were compiled into the Live Green! Sustainability Course Directory by college.

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

Yes

The website URL where the sustainability course inventory is posted:

<http://www.livegreen.iastate.edu/living/study/>

Sustainability-Focused Courses

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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:

The most recent sustainability course inventory available was for the 2011-2012 academic year, so the number of sustainability-focused courses and the total number of courses are provided for that year.

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

The number of sustainability-focused courses offered :

280

The total number of courses offered :

2,158

Number of years covered by the data:

One

A list of sustainability-focused courses offered:

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

<http://www.livegreen.iastate.edu/programs/education>

A copy of the sustainability course inventory:

Sustainability-Related Courses

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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:

The most recent sustainability course inventory available was for the 2011-2012 academic year, so the number of sustainability-related courses and the total number of courses are provided for that year.

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

The number of sustainability-related courses offered :

607

The total number of courses offered :

2,158

Number of years covered by the data:

One

A list of sustainability-related courses offered:

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

<http://www.livegreen.iastate.edu/programs/education>

A copy of the sustainability course inventory:

Sustainability Courses by Department

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

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

Submission Note:

The most recent sustainability course inventory available was for the 2011-2012 academic year, so the number of departments offering sustainability courses and the total number of departments offering courses are provided for that year.

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

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

80

The total number of departments that offer courses:

156

A list of departments that offer sustainability courses:

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

<http://www.livegreen.iastate.edu/living/study/>

A copy of the sustainability course inventory :

Sustainability Learning Outcomes

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

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

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

Submission Note:

Environmental Science has a required class with a sustainability learning outcome: ENSCI 201, Introduction to Environmental Issues.

Linguistics has required class with a sustainability learning outcome: LING 119, Introduction to World Languages.

The College of Design has a required class for all design majors with a sustainability learning outcome: DSN S 183, Design Cultures.

The College of Veterinary Medicine has college-wide sustainability learning outcomes that were provided by College administration.

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

The number of graduates covered by the sustainability learning outcomes:

4,837

Total number of graduates :

5,431

A list of degree programs that have sustainability learning outcomes:

College of Agriculture and Life Sciences: all programs

College of Engineering: all programs

College of Business: all programs

College of Human Sciences: all programs

College of Liberal Arts and Sciences:
[Campus Sustainability Data Collector](#) | [AASHE](#)

Advertising
Anthropology
Biology
Biochemistry, Biophysics, and Molecular Biology
Chemistry
Computer Science
Ecology, Evolution & Organismal Biology
Economics
Environmental Science
Genetics, Development and Cell Biology
Geological & Atmospheric Sciences
History
International Studies
Journalism and Mass Communication
Linguistics
Music
Performing Arts
Philosophy
Psychology
Religious Studies
Women's Studies
World Languages and Cultures

College of Design: all programs

College of Veterinary Medicine: all programs

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

A copy of the sustainability course inventory :

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

College of Agriculture & Life Sciences:

<http://www.cals.iastate.edu/assessment/outcomes>

College of Engineering:

Aerospace Engineering:

<http://www.aere.iastate.edu/the-department/assessment/>

Agricultural and Biosystems Engineering:

<http://www.abe.iastate.edu/accreditation/>

Chemical and Biological Engineering:

<http://www.cbe.iastate.edu/the-department/accreditation/>

Civil, Construction, and Environmental Engineering:

<http://www.ccee.iastate.edu/ccee-department/accreditation/>

Electrical and Computer Engineering:

<http://www.ece.iastate.edu/the-department/accreditation/>

Industrial and Manufacturing Systems Engineering:

<http://www.imse.iastate.edu/undergraduate-program/educational-objectives-and-outcomes/>

Materials Science and Engineering:

<http://www.mse.iastate.edu/about/the-department/assessment/>

Mechanical Engineering:

<http://www.me.iastate.edu/students/program-educational-objectives-student-outcomes/>
Campus Sustainability Data Collector | AASHE

College of Business:

<http://www.business.iastate.edu/assessment-learning/>

College of Human Sciences:

<http://www.hs.iastate.edu/academics/core-learning-outcomes/>

College of Liberal Arts and Sciences:

Advertising:

<http://catalog.iastate.edu/collegeofliberalartsandsciences/greenleejournalcomm/>

Anthropology:

<http://www.las.iastate.edu/students/academic-services/outcomes-assessment-for-anthropology/>

Biology:

<http://www.las.iastate.edu/students/academic-services/outcomes-assessment-for-the-biology-major/>

/

Biochemistry, Biophysics, and Molecular Biology:

<http://www.bbmb.iastate.edu/outcomes-assessment/>

Chemistry:

<http://www.chem.iastate.edu/assessment>

Computer Science:

<http://www.las.iastate.edu/students/academic-services/outcomes-assessment-for-computer-science/>

Ecology, Evolution & Organismal Biology:

Cross-referenced with College of Agriculture and Life Sciences, which has college-wide sustainability learning outcomes.

Economics:

<http://www.las.iastate.edu/students/academic-services/outcomes-assessment-for-economics/>

Environmental Science:

<http://catalog.iastate.edu/collegeofagricultureandlifesciences/environmentalscience/>

Genetics, Development and Cell Biology:

Cross-referenced with College of Agriculture and Life Sciences, which has college-wide sustainability learning outcomes.

Geological & Atmospheric Sciences:

<http://www.ge-at.iastate.edu/undergraduate-studies/outcomes-assessment/>

History:

<http://www.history.iastate.edu/wp-content/uploads/assessment.pdf>

International Studies:

<http://www.las.iastate.edu/students/academic-services/outcomes-assessment-for-international-studies/>

Journalism and Mass Communication:

<http://www.jlmc.iastate.edu/sites/default/files/Outcomes%20Assessment%20Plan%202012jwp.pdf>

Linguistics:

<http://catalog.iastate.edu/collegeofliberalartsandsciences/linguistics/>

Music:

<http://www.las.iastate.edu/students/academic-services/outcomes-assessment-for-music/>

Performing Arts:

<http://www.las.iastate.edu/students/academic-services/outcomes-assessment-for-performing-arts/>

Philosophy:

http://www.philrs.iastate.edu/index.php?option=com_content&view=article&id=11&Itemid=18

Psychology:

<https://www.psychology.iastate.edu/undergraduate-program/resources-involvement/outcomes-assessment/>

Religious Studies:

<http://www.las.iastate.edu/students/academic-services/outcomes-assessment-for-religious-studies>

/

Women's Studies:

<http://www.las.iastate.edu/students/academic-services/outcomes-assessment-for-womens-studies/>

World Languages and Cultures:

<http://www.las.iastate.edu/students/academic-services/outcomes-assessment-for-world-languages-and-cultures/>

College of Design:

<http://catalog.iastate.edu/collegeofdesign/>

College of Veterinary Medicine:

1. Health promotion, disease prevention/biosecurity, zoonosis, and food safety
2. Business skills (control expenses and maximize revenue, perform the business-related tasks of veterinary medicine)
3. An understanding of the need to engage in lifelong learning to stay abreast of relevant scientific advances

Undergraduate Program in Sustainability

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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.

Submission Note:

Iowa State University also offers several undergraduate minors related to sustainability. Minors offered by colleges include an interdisciplinary sustainability minor offered by The College of Liberal Arts and Sciences as well as a wind energy minor offered by the College of Engineering. Finally, the Mechanical Engineering department offers an energy systems minor.

<http://www.las.iastate.edu/sustainability/>

<http://www.engineering.iastate.edu/eri/initiatives/strategies/wei/education/wind-energy-minor/>

<http://www.me.iastate.edu/energy-systems-minor/>

"---" 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):

Environmental Studies

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

[Campus Sustainability Data Collector | AASHE](#)

<http://www.envs.iastate.edu/>

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

Environmental Science

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

<http://www.ensci.iastate.edu/>

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

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

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

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

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

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

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

Yes

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

Graduate Program in Sustainable Agriculture

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

<http://www.sust.ag.iastate.edu/gpsa/>

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

Wind Energy Science, Engineering and Policy (WESEP)

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

<http://www.igert.windenergy.iastate.edu/education/curriculum-structure/>

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

Master of Urban Design (MUD)

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

<http://www.design.iastate.edu/urbandesign.php>

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

Master of Design in Sustainable Environments:

<http://www.design.iastate.edu/sustainableenvironments.php>

Sustainability Immersive Experience

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

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

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

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

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

Submission Note:

College of Design Bridge Studio:

<http://bridgestudio.design.iastate.edu/bridgeStudio/about.html>

College of Design Town/Craft:

<http://www.design.iastate.edu/TownCraft/>

Engineers for a Sustainable World-ISU:

<http://www.stuorg.iastate.edu/esw/>

Design Across Boundaries Haiti Project:

<http://archive.news.iastate.edu/news/2010/oct/ArchitectureHaiti>

Service-Learning in Belize:

http://isuabroad.iastate.edu/index.cfm?FuseAction=Programs.ViewProgram&Program_ID=11871&;Type=O&sType=O

"---" 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 ISU College of Design offers a program called PLaCE (Partnering Landscape and Community Enhancement), which aims to enhance and promote the quality and character of Iowa's landscapes and communities. ISU Extension Community and Economic Development and the College of Design's Institute for Design Research and Outreach (IDRO) invite Iowa communities and nonprofit organizations to submit applications for project ideas that might provide quality learning experiences for Design students and faculty. Past PLaCE projects have included city and county comprehensive plans, wayfinding studies, Main Street graphic design plans, concept plans for city parks and GIS-based planning and modeling.

Another experience offered through ISU's College of Design is the Bridge Studio, which is an interdisciplinary upper level elective studio at Iowa State University for undergraduate and graduate students that engages aspects of design practice not typically encountered in design studios while also serving unmet needs of local communities. Students work in collaborative teams with interns from local firms, consulting practitioners, and a range of building industry professionals to develop projects for organizations and communities not normally served by the design professions. Integrating environmentally and socially sustainable design within economic realities is the primary mechanism through which this work occurs.

Finally, the College of Design offers its Town/Craft program, which combines the resources of the cultural studies of Hometown Perry, Iowa, the multidimensional outreach network of Iowa State University Extension, and the students, staff and faculty of the College of Design into a comprehensive vehicle for envisioning a sustainable future for Iowa towns and surrounding landscapes. Town/Craft pursues its mission through a series of conferences, projects, exhibits, publications and consultations that will focus on the various challenges and opportunities that face the historic culture of our small communities. The center strives to include the knowledge, wisdom and creative energy of the arts, sciences, liberal studies, politics, economics, entrepreneurship and, most important, the real and virtual citizenry of Iowa towns as it pursues its mission.

The ISU College of Agriculture and Life Sciences also has a program called, "Education and Resiliency Through Horticulture", otherwise known as EARTH. The program takes ISU students each semester to the U.S. Virgin Islands to teach food production to the students of Giffit Hill, a K-12 school.

The ISU Agricultural and Biosystems Engineering department offers a class where students focus primarily on Brazil and its advances in agricultural development. The course is split into two parts: A class is taken at Iowa State and following that semester, students travel to Brazil for a hands-on immersive experience.

Service Learning:

The ISU Center for Sustainable Rural Livelihoods offers its Service Learning and School Garden Program, which began in Kamuli District of Uganda in 2006. It brings together undergraduate students from ISU and Makerere University for five weeks of intercultural immersion. Since 2006 84 students and 8 faculty members from ISU and Makerere University participated in the service-learning program.

Another program offered through the ISU Student Activities Center is Alternative Breaks. Students are placed in teams and immersed in communities to engage in service learning during university breaks. Students perform short-term projects for community agencies and learn about various social issues.

Iowa State also has a service-learning program called the Skunk River Navy, associated with the biology department. The program has been active since 1998, and brings students together to clean the Skunk River in Ames, while learning about and experiencing issues such as water quality, organismal diversity and land stewardship. The goals of the Skunk River Navy include providing ISU students with a chance to learn more about the biology of Iowa, making a positive contribution to their local community, and improving the aesthetic quality of the Skunk River and its tributaries by removal of trash.

Furthermore, the Iowa State College of Human Sciences participates in an annual "Day of Caring," which is in its 14th year and is sponsored by the United Way. The goals of the program include students becoming stewards of the campus, students developing a sense

of community, and students becoming more aware of local volunteer opportunities. Approximately 300 students have participated each year for the past four years.

Finally, the ISU Honors program, in collaboration with the ISU College of Liberal Arts and Sciences, offers a study abroad service-learning program in Belize. This spring break trip allows students to work on cleaner-burning stove installation and on solar latrines. Last year 15 students participated in this experience.

Clubs:

Iowa State also has programs available to students and faculty through its chapter of Engineers for a Sustainable World (ESW). With a focus on both local and international issues, projects have been completed in Uganda with the design of bio-gas digesters and rainwater harvesting tanks. The students have initiated their projects in other countries as well, including India and Nicaragua, implementing solar energy, creating a way to store figs to prevent rotting via a cabinet-style fruit dryer, and distributing water using drip-irrigation systems and ram pumps. ESW has also worked on promoting sustainability on campus through solar street lighting, constructing a greenhouse, and in performing energy audits of campus buildings.

Iowa State University architecture students have also worked on creating a community center out of recycled shipping containers for a Haitian village. This is organized by a student club called Design Across Boundaries. The club also collaborated closely with a faculty member in the College of Design.

Architecture students also attended Summer Academy Berlin, studying issues of climate change and sustainable urban development. This was a month-long program, in which 11 ISU students participated. The academy concluded with an exhibition featuring students' work.

Finally, Global Mamas in Cape Coast, Ghana, partnering with apparel merchandising, design and production majors, have aided women in Africa to become economically independent. ISU students have interned with Global Mamas since 2010. This fair trade apparel company has allowed students to gain hands-on experiences in product development, creating motifs for batik textiles and designing apparel and accessories for Global Mamas catalogs.

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

<http://home.design.iastate.edu/ResearchOutreach/placeprogram.php>

Sustainability Literacy Assessment

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

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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.

Submission Note:

Tall Grass Prairie Project:

<http://wiki.its.iastate.edu/display/TGP/Welcome+to+the+Tall+Grass+Prairie+Project>

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

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

Yes

A brief description of the program(s):

Iowa State University hosts an annual Symposium on Sustainability, which focuses on celebrating, recognizing, and reflecting on the many sustainability-related accomplishments at ISU. Typical events have included speakers, poster sessions, and empowering stations. This is a university-wide event that is open to students, faculty, and staff.

The Tall Grass Prairie Project, modeled after the nationally renowned Ponderosa and Piedmont Projects promoted by the Association for Advancement of Sustainability in Higher Education (AASHE), started officially at ISU in spring 2012. The project is aimed at seeding change that will be followed by curricular reform by engaging students involved in reformed courses in sustainability across disciplines and the curriculum. Our goal is to involve up to 22% of ISU faculty in the project over several years, a percentage indicated by research to mark the successful establishment of a sustainability curriculum across an institution.

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

Incentives for faculty members attending the Symposium on Sustainability include receiving sustainability related training applicable to coursework and departmental operations. Presenters at last year's empowering stations offered interactive and empowering tips and techniques related to three targeted areas, including reducing electricity use and carbon footprints. Past years' faculty participants have also benefited from breakout sessions specifically for faculty members.

The Tall Grass Prairie Project is a bottom-up project that provides faculty with yearly workshops involving up to 20 faculty members. Participants commit to integrating one or more sustainability components into their course(s). Workshops provide an intellectually stimulating environment that fosters creativity and professional development. Examples of reformed curricular material covered in the training include new readings, student projects, or modules on sustainability in poetry, art, literature, science, policy and much more.

The website URL where information about the program is available:

<http://www.livegreen.iastate.edu/symposium/2012/>

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

Charlotte Bronson

Associate Vice President

Vice President for Research & Economic Development

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.

Submission Note:

Inventory of researchers and department affiliations:

<http://www.livegreen.iastate.edu/sites/default/files/FacultyConductingResearch.pdf>

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

Has the institution developed a definition of sustainability research?:

Yes

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

Iowa State University has adopted a definition of “sustainability research” based on the definitions of sustainability from the 1987 Brundtland Commission and the Board of Regents, State of Iowa. Iowa State defines “sustainability research” as “research that works to meet the needs of the present without compromising the ability of future generations to meet their own needs.” This definition includes research that focuses on the environmental, social, economic and cultural aspects of sustainability for the purposes of enhancing the quality of life for present and future generations.

This definition was developed by a committee of six research faculty members from five departments on campus.

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

Yes

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

The university asked the chairs of all its academic departments to identify faculty conducting sustainability research as defined above.

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

Yes

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

http://www.vpresearch.iastate.edu/en/centers__institutes/

Faculty Engaged in Sustainability Research

Responsible Party

Charlotte Bronson

Associate Vice President

Vice President for Research & Economic Development

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.

Submission Note:

The number of faculty members engaged in sustainability research is based on responses from department chairs in the spring and summer of 2012. Departments not responding were assumed to not have faculty engaged in sustainability research, although in some cases this likely is not true. That is, some faculty members that conduct sustainability research may not be included in this count.

Since research or other scholarly activity is required for tenured or tenure track appointments, the number of faculty members conducting research was taken as the total number of tenured and tenure eligible faculty as recorded in ISU's 2011-2012 Fact Book (<http://www.ir.iastate.edu/FB12/facstaff.html>).

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

The number of faculty members engaged in sustainability research:

757

The total number of faculty members engaged in research:

1,293

Names and department affiliations of faculty engaged in sustainability research:

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

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

in sustainability research:

FINAL Faculty at Iowa State University Conducting Sustainability Research.docx

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

The website URL where information about sustainability research is available:

Departments Engaged in Sustainability Research

Responsible Party

Charlotte Bronson

Associate Vice President

Vice President for Research & Economic Development

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.

Submission Note:

The number of academic departments in which at least one faculty member engages in sustainability research is based on responses from department chairs in the spring and summer of 2012. Departments not responding were assumed to not have faculty engaged in sustainability research, although in some cases this likely is not true. That is, some departments that may be conducting sustainability research are not included in this count.

The total number of academic departments that conduct research is taken as the total number of departments that have tenured or tenure-track faculty on appointment.

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

The total number of academic departments that conduct research:

56

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

45

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

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

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

[FINAL Faculty at Iowa State University Conducting Sustainability Research.docx](#)

Sustainability Research Incentives

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

Part 1

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

Part 2

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

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

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

Yes

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

The ISU College of Human Sciences funds summer internships for students to work with ISU Families Extension. Scholarships are awarded to students with a major in the College of Human Sciences, and are specifically for projects related to family life, nutrition and health and/or family finance. Each year a total of \$3600 is awarded for one to four grants.

The ISU College of Engineering also offers several research internships for students, both at the undergraduate and graduate levels. Iowa State offers three NSF Research Experience for Undergraduates (REU) funded programs, including ones in biorenewable chemicals (

<http://www.cbirc.iastate.edu/education/university/nsf-reu/>

); wind energy science, engineering, and policy (

<http://www.engineering.iastate.edu/eri/initiatives/strategies/wei/wesep-reu/>

); and sustainable production and processing systems for biomass-derived fuels (

<http://www.abe.iastate.edu/undergraduate-students/research-experience-opportunities/sbpp-reu/>

). In addition, graduate students can apply for ISU's Integrative Graduate Education and Research Traineeship (IGERT), which provides funding and support for wind energy research.

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

<http://www.hs.iastate.edu/current-students/scholarships/heddleson-summer-internship-scholarship/>

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

Yes

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

ISU offers the following through the College of Engineering:

The Bioeconomy Institute at ISU offers proposal preparation and submission assistance to faculty interested in applying for funding for research related to biorenewable resources. Furthermore, this center held a thermochemical biofuels processing workshop in December 2012 for both researchers and industry experts, including ISU faculty (

<http://www.biorenew.iastate.edu/2012/11/21/thermoworkshop/>

).

The BioCentury Research Farm at ISU also provides funding opportunities, facility access, and staff support including grant development, clerical assistance, and communications and graphics services to faculty researching biorenewables (

<http://www.biocenturyresearchfarm.iastate.edu/partnerships/faculty.html>

).

Another opportunity within the College of Engineering is through the Biopolymers & Biocomposites Research Team. Faculty members are able to participate in a Biopolymers & Biocomposites Workshop, with the last one held in August 2012 (

<http://www.biocom.iastate.edu/workshop/index.html>

).

Finally, ISU has its Center for Biorenewable Chemicals, which is an NSF-funded research center. Involved faculty benefit from NSF multi-year funds, which target researchers from multiple disciplines (

<http://www.cbirc.iastate.edu/overview/>

).

ISU offers the following through the College of Liberal Arts & Sciences:

Through the Liberal Arts & Sciences Signature Research Initiative, faculty members can apply for grants for up to three years in duration to support research in one of the College's Signature Themes. One of the targeted Themes is economic, environmental, and societal sustainability. This is an ongoing program with the possibility for additional funding after the first three years of a grant (

<http://www.las.iastate.edu/las-signature-research-initiative/>

,

<http://www.las.iastate.edu/signature-themes/>

).

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

<http://www.biorenew.iastate.edu/proposal-preparation-and-submission-assistance/>

Interdisciplinary Research in Tenure and Promotion

Responsible Party

Charlotte Bronson

Associate Vice President

Vice President for Research & Economic Development

Criteria

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

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

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

Yes

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

ISU encourages and rewards interdisciplinary, transdisciplinary and multidisciplinary research. It has a long-standing culture of collaboration among researchers in different disciplines, and, especially in recent years, internal funding opportunities designed specifically to foster the formation of transdisciplinary and multidisciplinary research teams.

ISU's promotion and tenure policy recognizes and acknowledges the value of interdisciplinary research. Specifically, it states that "significant advances sometimes accrue when a scholar extends her or his scope of topics beyond those traditional to a particular discipline" and "scholarship often requires teamwork and other collaborative relationships, particularly because of the growth of interdisciplinary and collaborative programs."

In response to a recent survey, 94% of departments (33 of 35 respondents) indicated that they give positive recognition for interdisciplinary research in promotion and tenure decisions.

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

<http://www.provost.iastate.edu/sites/default/files/uploads/fh/2012b-faculty-handbook.pdf>

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

Kerry Dixon

Coordinator of Sustainable Design and Construction
Facilities Planning and Management

Criteria

Institution owns and operates buildings that are:

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

and/or

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

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

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

Total building space that meets "Eligible Buildings Criteria":

12,504,878 *Square Feet*

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

12,504,878 *Square Feet*

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

0 *Square Feet*

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

0 *Square Feet*

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

0 *Square Feet*

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

Campus Sustainability Data Collector | AASHE

0 Square Feet

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

http://www.fpm.iastate.edu/utilities/energy_efficiency.asp

An electronic copy of the guidelines or policies:

[OP-1 and OP-2 justification.pdf](#)

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

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

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

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

Building Design and Construction

Responsible Party

Kerry Dixon

Coordinator of Sustainable Design and Construction
Facilities Planning and Management

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:

Iowa State has four buildings that were designed and constructed in accordance with green building policies or guidelines, but not LEED certified. Two of them are LEED projects, but the construction filing was not complete at the time of submission. However, both were completed and occupied in 2012. Therefore, these two buildings follow green building policies, only they had not received a LEED certification yet. The remaining two buildings were designed under the guidelines in the attachment and in the link provided.

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

New building space that meets "Eligible Buildings Criteria":

599,104 Square Feet

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

220,329 Square Feet

New building space that is LEED Certified :

0 Square Feet

New building space that is LEED Silver certified:

0 Square Feet

New building space that is LEED Gold certified :

209,266 Square Feet

New building space that is LEED Platinum certified:

169,509 Square Feet

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

http://www.fpm.iastate.edu/utilities/energy_efficiency.asp

An electronic copy of the guidelines or policies :

[OP-1 and OP-2 justification.pdf](#)

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

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

The 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:

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

Responsible Party

Kerry Dixon

Coordinator of Sustainable Design and Construction
Facilities Planning and Management

Criteria

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

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

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

6,752,808 Square Feet

Total occupied building space :

6,752,808 Square Feet

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

The indoor air quality at Iowa State is targeted to meet standards set by the American Society of Heating Refrigerating and Air-Conditioning Engineers (ASHRAE) for indoor air quality, specifically ASHRAE 62.1-2010. This falls under direct building control. ISU also has a computerized controls system (Johnson Controls) used to monitor and control building temperatures and ventilation for over 12 million square feet. To optimize energy use, buildings are scheduled in accordance with occupancy hours furnished by Room Scheduling and Building Security Services, within the division of Facilities Planning and Management.

In addition, all new LEED rated construction follows strict air quality plans during construction and prior to occupancy. Either air sampling or a full building flush is performed in compliance with the guidelines laid out in LEED Indoor Environmental Quality credit 3.2 Construction Indoor Air Quality Management Plan - Before Occupancy.

Concerns and complaints about air quality are processed by Environmental Health and Safety (EHS) who will investigate all concerns and prescribe appropriate actions to address findings.

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

Climate

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

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

Greenhouse Gas Emissions Inventory

Responsible Party

David Miller

Associate Vice President for Facilities
Facilities Planning & Management

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://www.livegreen.iastate.edu/activity/operations/powerplant/GHGEmissionsWebDoc.pdf>

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

Yes

Does the inventory include emissions from air travel?:

No

Does the inventory include emissions from commuting?:

No

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?:

No

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

No

If yes, please specify:

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?:

No

If yes, please specify :

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

No

If yes, please specify :

Greenhouse Gas Emissions Reduction

Responsible Party

David Miller

Associate Vice President for Facilities

Facilities Planning & Management

Criteria

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

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

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

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

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

Scope 1 and 2 gross GHG emissions, 2005 :

524,410 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:

8,019

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

19,647

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

3,848

Scope 1 and 2 gross GHG emissions, performance year :

472,080 *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:

July 2011-June 2012

On-campus residents, performance year:

9,886

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

21,540

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

4,040

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

August 2011-August 2012

Air Travel Emissions

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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

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

Yes

A brief description of the policies and/or programs:

Iowa State Information Technology enables meetings and seminars to be attended on campus, virtually, reducing travel costs and saving time. Resources available from on campus include multi-party conference calls, web-based conferences and meetings, and webinars for on-site training and information sharing.

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

<http://www.it.iastate.edu/green/>

Local Offsets Program

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

Jamie Lenz
Assistant Director
Campus Dining Services

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):

14.93

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

In 2007, Iowa State University's dining services (ISU Dining) initiated the Farm to ISU program to increase its purchases of local, organic, and alternatively produced agricultural products. Since then ISU Dining staff has built relationships with many farmers and agricultural organizations in order to fulfill the overall mission of the Farm to ISU program, which is to strengthen Iowa's agricultural economy. To date, Farm to ISU is in its 5th year.

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

<http://www.dining.iastate.edu/farm>

Responsible Party

Nancy Levandowski
Director
Campus Dining Services

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

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

Yes

A brief description of the trayless dining program:

All three of ISU Dining's residential dining centers (Union Drive Marketplace, Seasons Marketplace, and Conversations Dining) have "gone trayless" with the support of students, in order to decrease the amount of food waste that is generated daily by each dining location. By going trayless, guests pick up less food and, therefore, waste less when they are finished with their meal. Prior to going trayless in 2009, Union Drive Marketplace's amount of food wasted per guest was 0.36 pounds. This same year, Seasons Marketplace was converted to trayless dining and the amount of food wasted per guest was only 0.22 pounds. By going trayless, ISU Dining is saving about 0.14 pounds of food waste per person each day.

List the year the program was started:

Aug. 24, 2009

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

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

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

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

The website URL where information about the program is available:

<http://www.dining.iastate.edu/sustainability/trayless>

Vegan Dining

Responsible Party

Nancy Levandowski
Director
Campus Dining Services

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

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

Yes

A brief description of the vegan dining program:

ISU Dining offers special meals for vegans and has a tool to incorporate vegan meals called Net Nutrition. This allows users to plan meals available in ISU's dining facilities while keeping track of ingredients and other nutritional factors. Also included is a filter for vegans.

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

<http://www.dining.iastate.edu/nutrition/netnutrition>

Trans-Fats

Responsible Party

Nancy Levandowski
Director
Campus Dining Services

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

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

Yes

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

ISU Dining purchases trans-fat free products as available. Many manufacturers have changed the formulation of products used by ISU Dining to trans-fat free, so Iowa State has sought to avoid trans-fats in its purchased foods.

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

Guidelines for Franchisees

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

Pre-Consumer Food Waste Composting

Responsible Party

Nancy Levandowski
Director
Campus Dining Services

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

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

Yes

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

Pre-consumer wastes are materials that were discarded before they were ready for consumer use, such as carrot tops or potato skins. These compostable wastes are taken to the ISU compost facility at the Research Farms located southwest of Ames. After being processed, the compost is used for landscaping new construction projects, existing buildings, and planting beds.

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

75

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

100

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

25

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

10

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

http://www.iowastatedaily.com/news/article_5309b39c-f909-11e0-a1b0-001cc4c03286.html

PostConsumer Food Waste Composting

Responsible Party

Nancy Levandowski
Director
Campus Dining Services

"---" 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:

At the dining centers, post-consumer wastes go through the dish line where employees sort out waste. Everything that is compostable goes through the pulper, a machine that runs through water from wastes, condenses it down and makes it solid to the bottom of the pulper and then into the trashcan. In addition to food waste, napkins and other compostable dinnerware are added to the materials destined to the compost facility.

The compostable wastes are then taken to the ISU compost facility at the Research Farms located southwest of Ames. The compost is then blended with sand and soil, and the amended soil is used for landscaping new construction projects, existing buildings, and planting beds. The facility has also been approved for wholesaling, so it sells the compost to state nurseries and private companies such as those for landscaping.

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

75

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

100

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

0

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

10

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

http://www.iowastatedaily.com/news/article_5309b39c-f909-11e0-a1b0-001cc4c03286.html

Food Donation

Responsible Party

Nancy Levandowski
Director
Campus Dining Services

Submission Note:

<http://www.dining.iastate.edu/sustainability/other-initiatives>

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

Does the institution donate leftover or surplus food?:

Yes

A brief description of the food donation program:

ISU Dining partners with Food at First, an Ames-based free meal program for Story County citizens in hunger. Food at First volunteers work with ISU Dining employees to deliver packaged food items that have not been purchased to Food at First's local food pantry. Food is collected in five of ISU Dining's nine cafes, occasionally in Food Stores, and at ISU's dining centers during breaks. Food at First consists of two offerings for those in need: a free meal and a food pantry. The free meal program serves seven meals per week and is open to anyone who is hungry, no questions asked. The food pantry takes additional food items and gives them away to people in need. Distribution happens at the Food at First "Free Market" in Ames. Because the food is perishable, it is collected and given away on the same day.

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

<http://www.dining.iastate.edu/giving-back/food-at-first>

Recycled Content Napkins

Responsible Party

Nancy Levandowski
Director
Campus Dining Services

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

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

Yes

A brief description of the purchasing behavior:

ISU Dining uses SCA Tork D806E 100% recycled napkins at its meals. These are from 90% post-consumer waste, unbleached, and contain no chlorine or derivatives. Finally, these napkins are EcoLogo Certified and 848 cases of them were used during calendar year 2012.

The website URL where information about the purchasing is available:

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

Reusable Container Discounts

Responsible Party

Nancy Levandowski
Director
Campus Dining Services

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

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

Yes

A brief description of the reusable mug program:

Reusable water bottles and coffee mugs are available for purchase in many of ISU Dining's facilities in order to reduce the amount of cups being thrown away each day. Customers who bring in any reusable bottle or coffee mug receive \$0.35 off on their beverages. This discount is available in all of ISU Dining's retail cafes.

Amount of the discount offered for using reusable mugs:

0.35

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

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

<http://www.dining.iastate.edu/sustainability/other-initiatives>

Reusable To-Go Containers

Responsible Party

Nancy Levandowski
Director
Campus Dining Services

Submission Note:

<http://www.dining.iastate.edu/meal-plans/to-go>

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

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

Yes

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

ISU Dining has created a to-go program that is designed to help students on the go still be able to grab a meal, even with their busy schedules. The containers used for the Dash and Dine program are plastic so that they can be washed and reused instead of using a paper or Styrofoam product that would create more packaging waste.

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

<http://www.dining.iastate.edu/sustainability/other-initiatives>

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

Jeffrey Witt
Director
Utility Services

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

Submission Note:

Building space information was provided by Kerry Dixon, Coordinator of Sustainable Design and Construction in Iowa State University's Facilities Planning and Management department. Contact:
kdixon@iastate.edu

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

Total building energy consumption, 2005:

1,912,926 *MMBtu*

Building space, 2005 :

11,636,340 *Gross Square Feet*

Total building energy consumption, performance year:

1,886,061 *MMBtu*

Building space, performance year:

12,504,878 *Gross Square Feet*

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

July 1, 2011-June 30, 2012

Responsible Party

Jeffrey Witt
Director
Utility Services

Criteria

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

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

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

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

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

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

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

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

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

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

1 kWh = 0.003412 MMBtu

1 MWh = 3.412 MMBtu

1 therm = 0.1 MMBtu

1 kBtu = 0.001 MMBtu

1 ton-hour = 0.012 MMBtu

1 MJ = 0.000948 MMBTU

Submission Note:

Information on the Renewable Energy Credits was provided by Kerry Dixon, Coordinator of Sustainable Design and Construction in Iowa State University's Facilities Planning and Management Department. Contact:

kdixon@iastate.edu

---" 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 :

0 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 :

57,273.60 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:

1,298,542 MMBtu

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

112,410.60 MMBtu

Total energy consumed during the performance year :

3,414,720.10 MMBtu

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

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

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

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

A brief description of cogeneration technologies deployed:

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

Timers for Temperature Control

Responsible Party

Robert Currie

Director of Facilities Services
Facilities Planning and Management

Submission Note:

http://www.fpm.iastate.edu/utilities/bldg_energy_plans/

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

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

Yes

A brief description of the technology used:

Iowa State employs a system called Metasys by Johnson Controls Company, which consists of over 90,000 system points (inputs and outputs). These are temperature sensors or controlled devices used to monitor and operate fans, pumps, dampers, valves, doors, or lights. Metasys is connected to over 80 campus buildings, and it controls and monitors approximately 288 air handlers, 88 heating systems, 74 cooling systems, 74 fire panels, 24 lighting systems, and 15 security systems. One of the program functions is to turn off equipment when buildings are not occupied. Most major buildings have an energy plan for controlling HVAC and lighting equipment for occupied and unoccupied operations.

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

85

The website URL where information about the practice is available:

http://www.fpm.iastate.edu/utilities/energyefficiency/energy_goals.asp

Lighting Sensors

Responsible Party

Kerry Dixon

Coordinator of Sustainable Design and Construction
Facilities Planning and Management

Submission Note:

After going to the listed webpage, select: Documents, Part 2 Design Criteria, and then select file Div 26 Electrical.pdf

"---" 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:

Iowa State has retrofitted restroom facilities across campus with occupancy sensors. Restroom sensors are replacements for light switches that were previously installed. Maintained by Facilities Services campus-wide, most are this model:

<http://www.prolighting.com/ws-250.html>

. In all new buildings and remodeling projects, occupancy sensors are provided in offices as well as large classrooms and lecture halls, as specified in the section from the ISU Facilities Design Manual provided in the following link.

The percentage of building space with lighting sensors:

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

http://www.fpm.iastate.edu/planning/projects/apguestlogin_to_FDM.asp

Responsible Party

Randy Larabee

Assistant Director Utilities

Utilities Enterprise-Facilities Planning and Management

Submission Note:

Memorial Union LEDs:

http://www.iowastatedaily.com/news/article_054f635c-2853-11e2-8f1d-001a4bcf887a.html

"---" 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:

Iowa State has installed 177 LED light fixtures on main campus roadways, which now make up 39% of all ISU-powered streetlights on campus. In addition, the Iowa State Memorial Union has had several LED upgrades. All 147 light fixtures in the vehicle parking areas of the Memorial Union Parking Ramp have been replaced with LEDs. The largest meeting room in the Memorial Union also received LED replacements for all eight of its chandeliers. In addition, Iowa State's General Services building received an LED upgrade, and currently all exterior lights on the loading dock and at the overhead doors into several of the main facilities have been converted to LED fixtures. Use of the lights at the loading dock has been particularly beneficial, as this area is actively used for many campus activities, deliveries, and shipments. LED fixtures have also been incorporated into several classrooms at Iowa State, including two rooms in Physics Hall. Finally, all seven sets of traffic signals on campus have been converted to LED lamps.

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 :

<http://archive.inside.iastate.edu/2010/0916/led.php>

Vending Machine Sensors

Responsible Party

Robert Parrish
Assistant Manager
Campus Dining Services

Submission Note:

http://www.iowastatedaily.com/news/article_e5a1c3b8-0312-11e0-a164-001cc4c002e0.html

The percentage of vending machines with sensors is provided for Iowa State's 127 beverage machines. Although not yet installed, all snack machines will also have sensors by May 2013. Cold food as well as ice cream vending machines do not currently have sensors, and were excluded from the total used to calculate the percentage provided.

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

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

Yes

A brief description of the technology used:

198 vending machines on campus are equipped with a Vending Miser -- a device that automatically shuts off the majority of the machines' LED lights after a period of inactivity. When a customer pushes a product selection button, the lights come back on. The refrigeration units also run less frequently when a machine is inactive. Last year this saved about \$80 per machine, for a total energy savings of \$13,400.

The Vending Miser contains a motion sensor, which sits on top of the machine and monitors movement. The ISU Council on Sustainability piloted the Vending Miser, and after conducting a one-week test the group determined an approximate payback period of 16 months. As a result, all beverage vending machines on campus have these sensors, and all snack machines will as well.

The percentage of vending machines with sensors:

100

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

<http://archive.inside.iastate.edu/2009/1001/vending.php>

Energy Management System

Responsible Party

Jeffrey Witt
Director
Utility Services

"---" 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:

ISU uses Metasys, a product of Johnson Controls, to centrally track energy consumption and performance in 85% of its buildings. Real-time data is available online, along with consumption benchmarks to compare the data to. Metasys also allows for automation of utilities in buildings, and individual buildings may change their utility schedules using this central system.

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

85

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

Selected air handling units and other HVAC is shutdown during unoccupied periods.

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

http://www.fpm.iastate.edu/utilities/statistics_data.asp

Energy Metering

Responsible Party

Jeffrey Witt
Director
Utility Services

Submission Note:

100% of our buildings are metered for electricity, 90% are metered for steam, and 90% are metered for chilled water.

"---" 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:

All of the buildings that receive energy from ISU utilities are metered online for electricity, steam, and chilled water. Natural gas to the campus is metered. A portion of the buildings using gas are metered. Natural gas used to produce steam is metered.

The percentage of building space with energy metering:

90

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

<http://www.fpm.iastate.edu/utilities/billing/default.asp>

Grounds

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

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

Integrated Pest Management

Responsible Party

Cathy Brown

Assistant Director of Campus Physical Planning
Facilities Planning and 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
-

Submission Note:

The campus property consists of a variety of land used to support the mission of the university: academic, research, outreach, residential, student life, recreation, athletics and natural areas. The level of maintenance performed on these areas varies greatly and responds to the use of each area.

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

The size of the campus grounds :

1,795 Acres

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

1,795 Acres

A brief description of the IPM plan(s) :

The University uses integrated pest management practices; staff is trained to scout and monitor pests and diseases, to avoid the use of pesticides unless there is an economic impact from a pest population i.e., the loss of a plant or tree and target pest control to specific problem or area. Cultivation practices, such as mulch, are used as an initial strategy to promote plant vigor and reduce weed growth. Cosmetic damages to a plant are accepted if there will not be long term effects.

This practice involves:

1. Proper knowledge and ID of target pest and life cycles.
2. Closely monitoring and scouting for pests and population.
3. Application of controls that are most effective and when populations warrant.

4. Control measures that do not injure non-target organisms or the environment.

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

Native Plants

Responsible Party

Cathy Brown

Assistant Director of Campus Physical Planning
Facilities Planning and Management

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

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

Yes

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

In practice, native plants are a critical element of the campus landscape due to their adaptability and the goal to reduce inputs (labor, water, pesticides) for plant survival and care.

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

Responsible Party

Cathy Brown

Assistant Director of Campus Physical Planning
Facilities Planning and Management

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

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

Yes

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

The University has significant holdings of woodland and to a limited extent prairie used for teaching, research and student experiential learning. The university has introduced several new no-mow areas and low impact storm water management in the past 5 years which provide for habitat diversity and reduce impact. Additionally, the university has a small man-made lake which has several improvements to address water quality that has resulted in greater diversity of invertebrates living in the lake and enhanced student learning. The habitat supports extensive wildlife diversity due to proximity of campus; hawks, fox, wild turkey, geese, raccoons, squirrels have all been observed within the central campus environment, in addition to more commonly urbanized wildlife such as song birds, deer, rabbits and insects.

Wildlife is removed from campus only after posing a threat to humans, causing damage to buildings and/or infrastructure or potential harm to themselves due to the urbanized environment.

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

Tree Campus USA

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

Snow and Ice Removal

Responsible Party

Les Lawson

Manager Facilities Maintenance
Facilities Planning & Management

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

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

Yes

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

Campus Services uses snow removal strategies to minimize the impact to the environment while providing for the safety of humans as they move through the campus during the winter months. The strategies include:

- a. Up to date weather forecasting services to provide for timely staff response to storm conditions
- b. Removal ASAP to reduce need of ice melts
- c. Use of tractor mounted brooms on walks to remove more snow residue
- d. Use of ice melt coated with beet juice to reduce corrosion, increase effectiveness, and amount needed. Applied at 1/3 ice melt and 2/3 sand to walks
- e. Salt brine applied before snow event
- f. Rock salt applied to streets and lots after snow event 50% sand 50% salt
- g. Installed porous and pervious paving systems which decrease ice build-up and minimizes the need for snow melt materials

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

Landscape Waste Composting

Responsible Party

Cathy Brown

Assistant Director of Campus Physical Planning
Facilities Planning and Management

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

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

Yes

A brief description of the composting or mulching program:

Campus Services unit composts all leaf and landscape debris as part of the university compost operation. Grass clippings are mulched in place during the mowing operation. Tree debris is mulched for reuse on campus landscape beds. Major tree logs are directed toward the TreeCycle program, where wood is logged and sawn for reuse in furniture classes, specialized furniture fabrication or directed to Iowa Prison Industries to create specialized memorabilia for resale. Additionally, organic waste material from university greenhouses is also composted.

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

100

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

0

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

Purchasing

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

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

Computer Purchasing

Responsible Party

Jason Ferguson
Purchasing Agent
Purchasing

Criteria

Part 1

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

Part 2

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

Submission Note:

The EPEAT policy Iowa State University follows was created by the Iowa Board of Regents, which the university is a member of.

Part 2 includes data from July 1, 2011-March 13, 2013. Purchasing information was provided by Iowa State University Information Technology Services, which tracked purchases for this timeframe. No seasonal variation was observed in computer purchasing behavior, so this sample is considered representative.

"---" 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.regents.iowa.gov/Meetings/DocketMemos/09Memos/March/0309_ITEM15.pdf

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

Each year ISU reports on the progress towards having all computers purchased be EPEAT Silver or higher to the Iowa Board of Regents.
[Campus Sustainability Data Collector](#) | [AASHE](#) Snapshot | Page 112

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

Yes

Expenditures on EPEAT Gold desktop and laptop computers and monitors :

5,090,650 *US/Canadian \$*

Expenditures on EPEAT Silver desktop and laptop computers and monitors :

154,479.96 *US/Canadian \$*

Total expenditures on desktop and laptop computers and monitors :

7,107,925 *US/Canadian \$*

Cleaning Products Purchasing

Responsible Party

Richard Reckseen

Supervisor - Custodian Services
Facilities Planning and Management

Criteria

Part 1

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

Part 2

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

Submission Note:

Additional website URL where ISU's green cleaning product purchasing policy, directive, or guidelines are posted:

http://www.regents.iowa.gov/Meetings/DocketMemos/09Memos/March/0309_ITEM15.pdf

Cleaning product expenditures are provided for FY12.

Currently, 93% of Iowa State University's cleaning products are Green Seal or third-party certified.

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

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

Yes

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

<http://www.fpm.iastate.edu/custodial/Green%20Cleaning%20Guidelines.htm>

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

The Custodial Services Department, a division of Iowa State University Facilities Planning and Management (FP&M), ensures that all custodial staff are educated, trained, and motivated to work in an environmentally responsible manner. Part of this includes ensuring that all custodial staff is aware of their responsibilities in implementing the environmental policy. In addition, a list of environmentally preferable cleaning products and equipment that are currently used by FP&M Custodial Services is provided to all employees. Staff members are made aware that using other cleaning products in Iowa State's buildings is strictly prohibited.

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

Yes

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

375,327 US/Canadian \$

Total expenditures on cleaning products :

752,939 US/Canadian \$

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

[ISU FPM Green Cleaning Guidelines 3-6-13.pdf](#)

Office Paper Purchasing

Responsible Party

Arlo Meyer

Assistant Vice President

Business Services

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:

The URL listed for the recycled paper policy is from the Code of Iowa, which Iowa State University follows as a public university.

ISU also has its own recycled paper policy in section 13.2 of its Procurement Procedure Manual:

<http://www.purchasing.iastate.edu/policy/>

.

"---" 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://search.legis.state.ia.us/nxt/gateway.dll/ic/1/13/14/301/465/502?f=templates\\$fn=document-frameset.htm\\$q=\[field%208A.315\]\\$x=Advanced#0-0-0-11141](http://search.legis.state.ia.us/nxt/gateway.dll/ic/1/13/14/301/465/502?f=templates$fn=document-frameset.htm$q=[field%208A.315]$x=Advanced#0-0-0-11141)

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

Over the years the state of Iowa has had various executive orders and state laws that push ISU to use recycled paper. Before ISU had an office supplies contract, the ISU Purchasing Department actively monitored each external order to educate departments and make sure purchases were recycled paper. Since then, ISU Purchasing Department has since entered into an office supplies contract, which is part of CyBuy system and has removed virgin paper from its offerings. The campus is well educated with regard to buying recycled and the [Campus Sustainability Data Collector](#) | [AASHE](#)

pricing through Central Stores is such that very little paper is purchased from other external suppliers.

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 :

318,966 *US/Canadian \$*

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

0 *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 :

0 *US/Canadian \$*

Total expenditures on office paper :

321,206 *US/Canadian \$*

Vendor Code of Conduct

Responsible Party

Nancy Brooks

Director

Purchasing

Criteria

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

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

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

Yes

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

<http://www.purchasing.iastate.edu/green/>

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

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

Iowa State University subscribes to the Code of Ethics of the National Association of Educational Buyers and includes social and environmental responsibility of vendors in many bids.

Historically Underutilized Businesses

Responsible Party

Nancy Brooks

Director

Purchasing

Submission Note:

The Procurement Procedure Manual is available at:

<http://www.purchasing.iastate.edu/policy/>

Section 14 specifically describes the Iowa State Small Business Program.

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

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

Yes

A brief description of how the institution meets the criteria:

Iowa State University has a Vendor Diversity Initiative, which supports the University's commitment to diversity being applied to purchasing decisions with the objective of achieving and fostering greater minority-owned and women-owned business participation. This initiative is carried out by the Iowa State Purchasing Department, which strives to:

- Increase departmental awareness of the Vendor Diversity Initiative objectives and opportunities;
- Educate vendors regarding how to conduct business with the University;
- Give every reasonable business opportunity to businesses owned by minorities, women and persons with disabilities to participate as direct suppliers, contractors, and subcontractors at Iowa State University.

The Iowa State Purchasing Department directs and supports the University's ongoing commitment to encouraging business opportunities and diversity among its vendors.

Iowa State also follows The Targeted Small Business Program (TSB), created by the State of Iowa. This promotes the growth, development, and diversification of small Iowa businesses owned by women, minorities, or disabled persons. Board of Regents policy and the Code of Iowa requires the University to establish TSB goals for each year, which are higher than the expenditures in the previous year. To assist the University in attaining this goal, the Purchasing Department maintains and distributes a condensed listing of Certified Iowa Targeted Small Businesses. The Purchasing Department will include TSBs in bid solicitations, whenever a TSB exists that offers the product or service being bid. Departments making purchases through delegated procurement authority (such as Purchasing Cards and Professional Service Agreements) are encouraged to utilize TSB vendors.

In addition, Iowa State follows Federal guidelines for inclusion of minority-owned and women-owned businesses, which are set forth in Office of Management and Budget Circular A-110, Section .44 Procurement procedures, paragraph b as follows:

Positive efforts shall be made by recipients to utilize small businesses, minority-owned firms, and women's business enterprises, whenever possible. Recipients of Federal awards shall take all of the following steps to further this goal.

1. Ensure that small businesses, minority-owned firms, and women's business enterprises are used to the fullest extent practicable.
2. Make information on forthcoming opportunities available and arrange time frames for purchases and contracts to encourage and facilitate participation by small businesses, minority-owned firms, and women's business enterprises.
3. Consider in the contract process whether firms competing for larger contracts intend to subcontract with small businesses, minority-owned firms, and women's business enterprises.
4. Encourage contracting with consortiums of small businesses, minority-owned firms and women's business enterprises when a contract is too large for one of these firms to handle individually.

Finally, the ISU Purchasing Department has several sections of its Procurement Procedure Manual that deal with supporting historically underutilized businesses, which all purchasing agents follow. As part of the Iowa State University Small Business Program, Purchasing has created several initiatives, including:

- Providing monthly training to small businesses on how to do business with the University;
- Circulating small-and-disadvantaged-company brochures;
- Attending small and disadvantaged-business fairs, trade shows, and seminars

As part of the program's goals, the university seeks to maximize opportunities for departments to procure goods and services from women-owned small businesses, historically black colleges/universities and minority institutions. Utilization of small and disadvantaged businesses is a component of the purchasing agents' annual performance evaluations and salary setting. In addition, Iowa State has hired a Small Business Program Coordinator to develop subcontracting plans for federal contracts and manage the Small Business Program.

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

<http://www.purchasing.iastate.edu/vendors/diversity.html>

Responsible Party

Nancy Brooks
Director
Purchasing

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

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

Yes

A brief description of the program:

Iowa State University participates in Iowa's Certified Targeted Small Business Program, as created by the Iowa Legislature. As such, Iowa State has mandatory procurement spending goals towards targeted small businesses, as well as a \$25,000 threshold for targeted small business purchases where a formal bidding process is not required. Each fiscal year Iowa State sets spending goals for doing business solely with Iowa's certified targeted small businesses. This program specifically benefits businesses located in Iowa and that have an annual gross income of less than \$4 million computed as an average of the three preceding fiscal years.

Iowa State also tracks local business activity and reports to the Board of Regents annually. 43.3% of all procurements during FY12 were to Iowa-based businesses.

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

<http://www.purchasing.iastate.edu/vendors/process.html#federal>

Transportation

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

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

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

Responsible Party

Kathy Wellik
Manager
Transportation Services

Criteria

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

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

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

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

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

13

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 :

4

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 :

0

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

264

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

647

Student Commute Modal Split

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

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

Submission Note:

<http://www.transportation.iastate.edu/vanpool>

<https://aif-parking.sws.iastate.edu/>

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

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

38

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:

62

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 :

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

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

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

The website URL where information about alternative transportation is available:

<http://www.rideshare.gsb.iastate.edu/>

Employee Commute Modal Split

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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:

7.96

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 :

92.04

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:

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

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

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

The website URL where information about alternative transportation is available:

Bicycle Sharing

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

Facilities for Bicyclists

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

Bicycle and Pedestrian Plan

Responsible Party

Cathy Brown

Assistant Director of Campus Physical Planning
Facilities Planning and Management

Submission Note:

Campus Master Plan, 1991 provides an overview for planning of bicycle circulation and parking facilities:

<http://www.fpm.iastate.edu/planning/masterplan/CampusMasterPlan.pdf>

Campus map with bike routes and parking layer:

<http://www.fpm.iastate.edu/maps/>

City of Ames bicycle information:

<http://www.cityofames.org/index.aspx?page=939>

Ames area bicycle trails:

<http://www.trailink.com/city/ames-ia-trails.aspx>

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

Has the institution developed a bicycle plan?:

Yes

A brief description of the plan:

ISU and the City of Ames have collaborated to develop a series of bicycle trails and paths that provide connectivity for cyclists throughout the community and within the university. The trail network consists of separate trails, shared use trails, and bicycle friendly streets. Bicycle parking is located throughout campus near university residences as well as throughout the academic areas of campus. CyRide, the community transit, provides for bike friendly buses as well. The student body funded the installation of a bike pump service area.

The website URL where information about the plan is available:

Mass Transit Programs

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

"---" 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):

CyRide is a jointly funded city bus program that is supported by the City of Ames and Iowa State University. With routes both throughout campus and the entire city, passengers can access any point in Ames within two blocks. Routes are available every day of the week.

The fare structure is very simple: any ISU student who has paid fees for the current semester and who has a valid student ID can ride all routes for free. In addition, the routes that stay primarily within ISU's campus are free to all riders. Alos, ISU Parking systems subsidize discounted passes for staff and faculty members. Because of this, CyRide had 5,759,883 passengers in FY12.

The website URL where information about the program is available:

<http://www.cyride.com/index.aspx?page=19>

Condensed Work Week

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

"---" 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:

Iowa State University supports the principles of flex-time for its employees in order to allow employees to maintain a work/life balance and better service to the public. It is the policy of the university to encourage each employing department to accommodate the reasonable requests of employees for alternative work schedules when such accommodation is consistent with the needs of the department to accomplish its objectives.

The website URL where information about the program is available:

<http://policy.iastate.edu/policy/flex/>

Telecommuting

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

"---" 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:

Iowa State University recognizes that Professional and Scientific employees may work from different locations and a variety of hours depending on the nature of the work. ISU recognizes that in some instances employees may work on an infrequent basis from home or remotely to achieve work life balance and still satisfy the requirements of the position.

The website URL where information about the program is available:

http://www.hrs.iastate.edu/hrs/files/Telecommuting_Frequently_Asked_Questions.pdf

Carpool/Vanpool Matching

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Submission Note:

Government of the Student Body RideShare:

<http://www.rideshare.gsb.iastate.edu/>

"---" 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:

Iowa State University offers two carpool/vanpool matching programs. The first is through ISU Transportation Services, which organizes a vanpool program. Specifically, they provide University-owned vans to groups of University employees who have regular work hours for the purpose of getting to and from work. One member drives and is responsible for the van; others pay a monthly fee to support the operating cost.

The ISU Government of the Student Body (GSB) also offers a ride share program for students who commute to Ames for class or work. Through GSB's website, students can access a list of rides being offered with times, pick-up locations, and driver contact information. GSB manages a similar webpage for students going home or on a road trip.

The website URL where information about the program is available:

<http://www.transportation.iastate.edu/vanpool>

Cash-out of Parking

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

Carpool Discount

Responsible Party

Mark Miller
Program Manager
Public Safety

---" 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:

ISU offers the opportunity for multiple cars to “share” a parking permit, if they are a part of a carpool. Van pool riders share the cost of one parking permit for the van and it is included in the monthly fee they pay. Thus, a discount is offered since not everyone has to buy a permit.

The website URL where information about the program is available:

Local Housing

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

Prohibiting Idling

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

Car Sharing

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Submission Note:

WeCar website:

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

"---" 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:

Enterprise CarShare (formerly We Car) is a membership-based car-sharing program available to ISU students and employees who are looking for an alternative method of transportation that lowers the cost and reduces the hassles of traditional transportation. Cars are available for business, school or personal use, as opposed to ISU Transportation Services vehicles, which are for university-sponsored travel only. Reservation times are flexible, whether it is for one hour or for overnight. The two-car fleet at Iowa State features fuel-efficient Ford Focus vehicles. Reservations can be made online and payment is on an hourly basis, which includes gas & insurance. Finally, the cars are conveniently located close to students, with both parked in two of ISU's main residence hall neighborhoods.

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

<http://www.inside.iastate.edu/article/2012/09/27/wecar>

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

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

Institution has implemented source reduction strategies to reduce total waste generation (garbage, recycling, and compost) per weighted campus user compared to a 2005 baseline.

Total waste generation includes all materials recycled, composted, and disposed of as trash except construction, demolition, electronic, hazardous, special (e.g. coal ash), universal and non-regulated chemical waste, which are covered in *OP Credit 19: Construction and Demolition Waste Diversion*, *OP Credit 20: Electronic Waste Recycling Program*, and *OP Credit 21: Hazardous Materials Management*.

Submission Note:

The City of Ames has a refuse-derived fuel system (RDF), in which all waste goes to a sorting facility. Some of that waste is recycled, some is landfilled, and the rest is used to produce energy.

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

Weight of materials recycled, 2005 baseline year :

837.71 Tons

Weight of materials composted, 2005 baseline year :

0 Tons

Weight of materials disposed as garbage, 2005 baseline year :

4,646.48 Tons

Weight of materials recycled, performance year :

1,200.65 Tons

Weight of materials composted, performance year :

380.58 Tons

Weight of materials disposed as garbage, performance year :

4,043.42 Tons

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

July 1, 2011-June 30, 2012

On-campus residents, 2005:

8,019

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

19,647

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

3,848

On-campus residents, performance year:

9,886

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

21,540

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

4,040

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

August 2011-August 2012

Indication of whether institution has a stated commitment to waste-reduction goals, such as zero waste:

A brief description of the plan of action to achieve waste reduction goals:

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

Waste Diversion

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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 :

4,338.43 Tons

Materials disposed in a solid waste landfill or incinerator :

1,512.17 Tons

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

The City of Ames has a refuse-derived fuel system (RDF), in which all waste goes to a sorting facility. Some of that waste is recycled, some is landfilled, and the rest is used to produce energy.

Construction and Demolition Waste Diversion

Responsible Party

Kerry Dixon

Coordinator of Sustainable Design and Construction
Facilities Planning and Management

Criteria

Institution diverts non-hazardous construction and demolition waste from the landfill and/or incinerator.

Soil and organic debris from excavating or clearing the site do not count for this credit.

Submission Note:

Only capital projects were counted, such as large renovations and new buildings. The data do not include waste from shops or small projects, which was considered average maintenance work.

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

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

3,283.51 Tons

Amount of construction and demolition materials landfilled or incinerated :

194.91 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:

Electronic Waste Recycling Program

Responsible Party

Sean Whalen

Environmental Programs Manager
Environmental Health and Safety

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.

Submission Note:

More information on the student e-waste recycling program is available at:

<http://www.housing.iastate.edu/life/sustainability/save-program>

Questions about the student program can be directed to Richard Garrey, Manager Residence Hall Maintenance, Iowa State University
Department of Residence,
rgarrey@iastate.edu
, 515-294-6836.

"---" 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:

Iowa State contracts with A-Tec Recycling Incorporated, Des Moines, IA to recycle electronic waste. A-Tec is a local vendor permitted by Polk County as a recycling facility. During vendor selection, ISU confirms companies are in good financial standing, have a good environmental record and are staffed by competent personnel. ISU also requires that electronics are only processed domestically. By following these procedures Iowa State verifies proper handling of the recycled material and ensures that downstream cognizance and consideration as well as environmental responsibility and compliance are satisfied.

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

The university first offers its computers and electronics for resale to the public through the ISU Surplus Department. The contractor mentioned above recycles unsold items. In addition, university faculty and staff are encouraged to upgrade electronics only when necessary.

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

The Iowa State University Department of Residence offers a year-end electronic waste reuse program through its SAVE initiative (Simple Act Vital Effect). During move-out at the end of the spring semester, students can donate small appliances and electronics in working order. The items are then dropped off at Goodwill or the Salvation Army, as well as at local charities and nonprofit organizations.

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

<http://www.ehs.iastate.edu/waste>

Hazardous Waste Management

Responsible Party

Sean Whalen

Environmental Programs Manager
Environmental Health and Safety

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.

Submission Note:

<http://www.ehs.iastate.edu/sites/default/files/uploads/publications/manuals/mumm.pdf>

www.ehs.iastate.edu/waste/chemical-redistribution

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

Does the institution have strategies in place to safely dispose of all hazardous, special (e.g. coal ash), universal, and non-regulated chemical waste and seek to minimize the presence of these materials on campus?:

Yes

A brief description of steps taken to reduce hazardous, special (e.g. coal ash), universal, and non-regulated chemical waste:

Environmental Health and Safety (EH&S) ensures proper hazardous waste management by administering the Environmental Protection Agency Resource Conservation and Recovery Act (RCRA) program, and other applicable state and local rules or policies. RCRA regulates the generation, storage, and disposal of hazardous waste items, and mandates that generators of hazardous waste implement waste minimization practices. University personnel must, whenever practical, minimize the generation of hazardous waste by utilizing the practices described in the ISU Waste and Recycling Manual, or by other suitable means. EH&S also operates a chemical redistribution or "recycling" program as part of a campus-wide waste minimization effort. EH&S stores surplus chemicals received in good condition from Iowa State facilities and offers them free of charge to the university community. Laboratory personnel interested in receiving recycled chemicals are encouraged to review the chemical redistribution list.

A brief description of how the institution safely disposes of hazardous, universal, and non-regulated chemical waste:

University personnel are prohibited from discharging-or allowing or causing to be discharged-hazardous wastes to the land, surfaces, waters, and sanitary or stormwater systems of Iowa State University. University personnel are required to report any discharge, spill, or release of hazardous waste immediately to Environmental Health and Safety or ISU Police.

Campus chemical waste generators are instructed to collect ALL chemicals wastes in appropriate accumulation areas (SAAs). SAAs are marked with signage which includes proper EPA management requirements. Users must also complete hazardous waste generator training available through EH&S.

EH&S staff collect, categorize and store all chemical wastes produced by Iowa State University. EH&S manages the waste in a state-of-the-art accumulation facility, which provides segregation and containment. Wastes are shipped off-site at least every 90 days by ISU's current hazardous waste contractor, Clean Harbors, Incorporated.

Other waste streams managed by EH&S include: Universal Wastes such as lamps, mercury, and pesticides; used oil and oil filters; PCB oil, contaminated items and light ballasts; non-PCB light ballasts; and non-medical sharps and biohazard waste.

The website URL where information about hazardous materials management is available:

<http://policy.iastate.edu/policy/hazardous/waste>

Materials Exchange

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Submission Note:

<http://www.public.iastate.edu/~centrals/isusurplus.htm>

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

Does the institution have a surplus department or formal office supplies exchange program that facilitates reuse of materials?:

Yes

A brief description of the program:

ISU Surplus, a division of the Central Stores Department, provides an outlet for departmental reuse/resale of excess equipment. ISU Surplus conducts a departmental sale once a week. This sale allows for redistribution of equipment and furniture within university departments.

The website URL where information about the program is available:

<http://www.fpm.iastate.edu/recycling/ExcessEquipment.asp>

Limiting Printing

Responsible Party

Mike Lohrbach

Senior Systems Analyst

IT Services Systems & Operations

Submission Note:

<http://www.it.iastate.edu/howtos/id/24>

Also, IT Services has the ability to report on all printing usage that goes through the PaperCut server.

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

Does the institution limit free printing for students in all computer labs and libraries?:

Yes

A brief description of how printing is limited:

Students can print documents on many network printers on campus through the use of a commercial software program called PaperCut. Pages printed using PaperCut are counted in "units." One unit is equal to one cent, and different printers have different unit costs. PaperCut calculates the proper cost for the printer being used. Student technology fees fund a \$5 per semester (or 500 units) print allowance for all students. If all credits are used, additional printing is charged on a per-page basis up to a certain limit. Some colleges add additional credits allowing users to have higher printing quotas. More information on how ISU is promoting green IT can be encountered in the following website:

<http://www.it.iastate.edu/green/>

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

<http://www.it.iastate.edu/services/printing>

Responsible Party

Diane Rupp

Associate Registrar
Office of the Registrar

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

Is the institution's default not to print course catalogs, course schedules, and directories, but instead make these materials available online?:

Yes

A brief description of the practice:

Iowa State publishes its course catalogs online through the university website. This includes a searchable index of courses by name, college, or department. The last printed catalog was published in March 2009 (2009-2011 catalog). The current catalog as well as links to previous catalogs are available at

<http://catalog.iastate.edu>

. Viewers can print one page or the entire catalog as needed. In the past, approximately 50-60,000 printed catalogs were produced. The online catalog replaced a typical order of 35,000 printed catalogs.

Course schedules are also made available to students online through an internal website. Starting back as early as the mid-1980s with CYNET, course listings were available online to students. At that time, as many as 35,000 printed Schedule of Classes booklets were produced and distributed to students. Later, the web site

<http://classes.iastate.edu/>

provided class schedules for multiple terms as well as search capabilities for specific course characteristics (half-term courses, 3 credit courses, etc.). With the development of online alternatives, publication of the Schedule of Classes was reduced consistently until 2001, when copies were provided to departments only (approximately 200). Today, departments download the Schedule of Classes via pdf from the Office of the Registrar web site.

Finally, Iowa State has published its directory of students, faculty, and staff online through a searchable website since the mid-1990s. A printed directory was also available until 2009. The online directory,

<http://info.iastate.edu/>

, is available on the university's homepage, and is publicly accessible. It replaces approximately 25,000 printed directories.

The website URL where information about the practice is available:

Chemical Reuse Inventory

Responsible Party

Sean Whalen

Environmental Programs Manager
Environmental Health and Safety

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

Has the institution implemented a campus-wide inventory system to facilitate the reuse of laboratory chemicals?:

Yes

A brief description of the program:

ISU Environmental Health & Safety (EH&S) operates a chemical redistribution or "recycling" program as part of a campus-wide waste minimization effort. EH&S stores surplus chemicals received in good condition from Iowa State facilities and offers them free of charge to the university community. Laboratory personnel interested in receiving recycled chemicals are encouraged to review the chemical redistribution list.

The website URL where information about the practice is available:

<http://www.ehs.iastate.edu/waste/chemical-redistribution>

Move-In Waste Reduction

Responsible Party

Rich Garrey
Manager Residence Hall Maintenance
Residence Halls

"---" 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:

During move-in, the ISU Department of Residence collects and recycles unwanted cardboard from unpacking and transport. This has been done for fall move-in in the residence halls since 2011, allowing several tons to be diverted from the waste stream each year.

The website URL where information about the program is available:

http://www.livegreen.iastate.edu/about/accomplishments/sustainability_report_addendum.pdf

Move-Out Waste Reduction

Responsible Party

Rich Garrey
Manager Residence Hall Maintenance
Residence Halls

"---" 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:

SAVE (Simple Act, Vital Effect) is the Department of Residence's annual spring move-out collection event in which any reusable item (clothes, furniture, electronics, food, cleaning supplies, etc.) is collected for redistribution to community shelters, food banks, and non-profit organizations.

The website URL where information about the program is available:

<http://www.housing.iastate.edu/life/sustainability/save-program>

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

Jeffrey Witt
Director
Utility Services

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.

Submission Note:

Numbers are provided for FY06 as the 2005 baseline year and FY12 as the performance year.

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

Water consumption, 2005 baseline year:

598,225,000 Gallons

Water consumption, performance year :

598,921,800 Gallons

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

July 1, 2011-June 30, 2012

On-campus residents, 2005:

8,019

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

19,647

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

3,848

On-campus residents, performance year:

9,886

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

Campus Sustainability Data Collector | AASHE

21,540

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

4,040

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

August 2011-August 2012

Indication of whether institution has a stated commitment to water use reduction goals:

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:

Stormwater Management

Responsible Party

Cathy Brown

Assistant Director of Campus Physical Planning
Facilities Planning and Management

Criteria

Part 1

Institution has adopted a stormwater management policy, plan, and/or strategies that mitigate the stormwater runoff impacts of new construction, major renovation, and other projects that increase paved surface area on campus or otherwise significantly change the campus grounds.

The policy, plan, and/or strategies address both the quantity and quality (or contamination level) of stormwater runoff.

The policy, plan, and/or strategies cover the entire campus. While the specific strategies or practices adopted may vary depending on project type and location, this credit is reserved for institutions that mitigate stormwater runoff impacts consistently during new construction. Implementing a strategy or strategies for only one new development project is not sufficient for this credit.

Policies adopted by entities of which the institution is part (e.g. state government or the university system) may count for this credit as long as the policies apply to and are followed by the institution.

Part 2

Institution has adopted a stormwater management policy, plan, or strategies that mitigate the stormwater runoff impacts of ongoing campus operations.

The policy, plan, or strategies address both the quantity and quality (or contamination level) of stormwater runoff.

Though specific practices adopted may vary across the campus, the policy, plan, and/or strategies cover the entire institution. Implementing strategies for only one building or area of campus is not sufficient for this credit.

Submission Note:

Recent storm water management installations:

<http://www.fpm.iastate.edu/planning/masterplan/Stormwater%20Poster%20Feb%202012.pdf>

Iowa State has an interdisciplinary team that discusses alternatives to increase storm water management efforts. Additionally, ISU facilities staff meets quarterly with City of Ames Public Works staff to discuss broad topics, including shared interest in storm water management strategies and coordination.

"---" 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:

The National Pollutant Discharge Elimination System (NPDES) was established under the authority of the Clean Water Act in 1972. The NPDES program is responsible for controlling and regulating point sources of discharge of pollutants to waters within each state to maintain, protect and restore water quality of streams, lakes and rivers. In 1990, Phase I of NPDES storm water program was established to regulate storm water runoff. In 1999, Phase II of the NPDES storm water program was established and required communities that were not part of the Phase I to develop and implement a comprehensive storm water management program. Those communities that were included in Phase II of the program were designated Municipal Separate Storm Sewer Systems (MS4).

The Iowa Department of Natural Resources (IDNR) has designated Iowa State University as a qualifying MS4, which requires the university to comply with the Phase II storm water regulations. Iowa State has a storm water policy which guides both construction site runoff control and post construction site runoff control. The intent of the policy is to control storm water runoff, minimize storm water pollution and contribute to the protection of Iowa's natural resources. The university design standards serve as a resource.

ISU has storm sewer facilities that serve the buildings and property of the University for storm water drainage and runoff management. Storm water runoff from different areas of the university is conveyed to five creeks or the City of Ames storm sewer systems and eventually into the Skunk River.

The university has an interdisciplinary committee that meets regularly to review storm water initiatives.

The University evaluates new construction for best practices that match the conditions of the site and project. Operational strategies and best practices are considered and implemented as part of the MS4 permit.

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

<http://www.ehs.iastate.edu/environmental/stormwater>

Does the institution have a living or vegetated roof?:

Yes

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

ISU has six vegetated roofs associated with a variety of building types; four are new construction, two on existing roofs. Several projects are visually accessible to enhance student observation and learning. Two projects were part of student-led experiential learning initiatives. Five roofs are shallow systems; one is a medium depth installation.

(College of Design Pavilion, Biorenewables Laboratory, State Gym Addition, Horticulture test roof, Memorial Union small roof area, Troxel Hall)

Does the institution have porous paving?:

Yes

A brief description of the institution's porous paving:

ISU has several porous paving projects including a pervious concrete parking lot, a porous asphalt parking lot, concrete paver over granular base at plazas, short term parking areas, bus stops and bike parking.

Does the institution have retention ponds?:

Yes

A brief description of the institution's retention ponds:

ISU has retention ponds/treatment basins at several locations on campus, including: the northwest corner of central campus, the College of Veterinary Medicine campus, Hixon-Lied Building, Biorenewables Laboratory site, Horticulture Greenhouses, Bergstrom Football Training Center and ASB site. Several low impact drainage structures have been installed to complement site runoff from campus lawn areas and parking lots prior to water entering existing storm water systems and creeks, or to encourage infiltration rather than leaving the site.

Does the institution have stone swales?:

No

A brief description of the institution's stone swales:

N/A

Does the institution have vegetated swales?:

Yes

A brief description of the institution's vegetated swales:

ISU has large parking lots adjacent to the football stadium, coliseum, theatre area of campus and Reiman Gardens; these parking lots are sloped to drain slowly in a pattern that delays the time water leaves the area and encourages infiltration. The surface of the waterways is vegetated.

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

Yes

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

The University has implemented several stream bank stabilization techniques on College Creek including armoring, riffles and cross veins to improve and maintain a healthy waterway. Low Impact Development techniques such as rain gardens, sand filter, storm water

intake restrictions have also been applied. ISU has also collected and repurposed site storm water for reuse in buildings on two projects, Hach Chemistry Building and Biorenewables Laboratory. Native plantings are another strategy used in combination with others mentioned. Music Hall roof drains have been captured and re-routed to remove the water from the storm sewer and provide the lake with an alternative water source.

Waterless Urinals

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

Building Water Metering

Responsible Party

David Miller

Associate Vice President for Facilities
Facilities Planning & Management

Submission Note:

Morrill Hall:

http://www.fpm.iastate.edu/utilities/billing/util_meter_consumption.asp?meter_num=W0346

"---" 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:

Iowa State receives potable water from the City of Ames. All connections from Ames to ISU are fully metered. Iowa State tracks potable water use through a publicly available website. This allows water usage to be seen for each metered building on campus, and to compare usage over time. Metering has been in place for several years, and other information that can be viewed for buildings includes three-year average usage as well as progress towards the university-wide goal of reducing usage by 15% compared to three-year averages. Although metering is not available in all of ISU's buildings, it is in place in all our auxiliary operations including residential housing, athletics, dining, recreation services, the Memorial Union, and Morrill Hall.

The percentage of building space with water metering:

50

The website URL where information about the practice is available:

<http://archive.inside.iastate.edu/2009/0417/energywatch.shtml>

Non-Potable Water Usage

Responsible Party

Kerry Dixon

Coordinator of Sustainable Design and Construction
Facilities Planning and Management

Submission Note:

<http://archive.inside.iastate.edu/2011/0707/leed.php>

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

Does the institution use non-potable water (e.g., harvested rainwater or graywater) for irrigation and/or other applications?:

Yes

A brief description of the source of non-potable water and how it is used:

ISU uses non-potable water currently in the bathrooms of the Biorenewables Research Laboratory (BRL). The water comes from rooftop rain collection as well as footing tile. In addition, two other campus buildings, Hach Hall and State Gym, will soon be implementing similar technologies. Also, ISU's golf course is irrigated with non-potable water. However, non-potable water usage is not metered on campus.

The percentage of irrigation water usage from recovered, reclaimed or untreated sources :

The percentage of building space using water from recovered, reclaimed or untreated sources:

The percentage of water used in utility plants from recovered, reclaimed or untreated sources:

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

<http://www.engineering.iastate.edu/brl/sustainability/>

Responsible Party

Cathy Brown

Assistant Director of Campus Physical Planning
Facilities Planning and Management

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

Does the institution use xeriscape landscaping techniques, including the selection of drought tolerant plants?:

Yes

A brief description of the program or practice:

ISU's xeriscaping is tied to the use of native species that are used on campus. The native species that are used are those that evolved in the Midwest climate to be hardy to heat and drought tolerant to survive the hot dry summers of Iowa and the extreme, cold winters. In addition to plant selection, care is given to locate plants in environments the plant will be most successful. Water is used as required to initially establish new plantings; planting beds are not irrigated, reinforcing the importance of native plant selection.

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

Weather-Informed Irrigation

Responsible Party

Cathy Brown

Assistant Director of Campus Physical Planning
Facilities Planning and Management

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

Does the institution use weather data or weather sensors to automatically adjust irrigation practices?:

Yes

A brief description of how weather data or sensors are used:

The University uses weather service and data systems to guide best practices for irrigation and management of high performance turf areas. The majority of campus turf areas and all landscape plantings are not irrigated.

The website URL where information about the practice is available:

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

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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 :

We, members of the Iowa State University Council on Sustainability, are committed to protect and enhance the environment through our teaching, research, service, and administrative operations. We seek to foster a community that sustains ecological systems and educates campus citizens about environmental awareness, local action, and global thinking. We seek to promote environmentally sound practices as a core value of the University

Members of the committee, including affiliations:

Steering Committee Members:

Kerry Dixon, Chair

Sarah Passonneau, Vice-Chair

Frank Montabon, Secretary/Treasurer

Nadia Anderson

Roxanne Clemens

Bill Diesslin

Jeri Neal

Ulrike Passe

Emily Gamm

Ex-Officio Members:

Merry Rankin, ISU Director of Sustainability
Alex Toth, GSB Director of Sustainability

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

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

Does the institution have a sustainability office?:

Yes

A brief description of the sustainability office:

The Iowa State Office of Sustainability includes one full-time staff member, two half-time student interns, one half-time graduate student assistant, and one one-fifth time administrative secretary. The office was started through Live Green!, an initiative personally declared by Iowa State President Geoffroy and kicked off in 2008. In declaring this initiative for Iowa State University, the President provided two challenges to all faculty, staff, and students:

To be a leader in sustainability among land grant institutions.

To recognize that the involvement and dedication of every member of the Iowa State University community is critical to achieving this goal.

The number of people employed in the sustainability office:

5

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

<http://www.livegreen.iastate.edu/about/>

Does the institution have a sustainability coordinator?:

Yes

Sustainability coordinator's name:

Merry Rankin

Sustainability coordinator's position title:

Director of Sustainability

A brief description of the sustainability coordinator's position:

The ISU Director of Sustainability is responsible for leading the Live Green! Initiative by continuing sustainable operations on campus and by finding new opportunities. Working closely with student interns, ISU's Council on Sustainability, the Sustainability Working Group, and College Green Teams, the Director is able to coordinate programs across a wide variety of areas on campus, including operations, campus and community engagement, and marketing. Finally, the director maintains close ties with the City of Ames by leading the City's Sustainability Task Force.

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

<http://www.livegreen.iastate.edu/contact/>

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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:

2,010

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:

Iowa State University's strategic plan includes the following: Iowa State will lead in developing more sustainable ways to produce and deliver safe and nutritious food, water, materials, and energy. In addition, the plan describes ISU's goal to integrate the protection of plant, animal, and human health and care for our environment. The strategic plan also lays out previous environmental accomplishments, including the establishment of a U.S. Department of Energy national laboratory, five U.S. Department of Agriculture research laboratories, the nation's finest genomic-based agricultural breeding, health, and biotechnology programs, and world-renowned plant science and bioeconomy institutes.

Does the institution's strategic plan or equivalent guiding document include the social dimensions of sustainability at a high level?:

Yes

A brief description of how the strategic plan or amendment addresses the social dimensions of sustainability:

The strategic plan emphasizes that Iowa State's faculty, staff, and students must be able to communicate with and learn from diverse populations. One of Iowa State's goals in the Plan is to recruit, support, retain, and graduate a diverse group of outstanding undergraduate, graduate, and professional students dedicated to making a difference in the world. In addition, Iowa State pioneered the nation's first extension service and remains a leader in realizing the promise of the land-grant vision. Another one of Iowa State University's goals is to build partnerships with communities of place and interest to solve problems and create opportunities. Finally, part of the plan highlights the major recent investments in new research and educational facilities and the need to build on ISU's outstanding tradition of cross-disciplinary research that brings all of Iowa State's colleges and departments together with global partners.

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 Plan describes how ISU will design tools and infrastructure that will create entrepreneurial opportunities. The Plan also emphasizes providing accessible residential and distance educational programs that build on Iowa State's strengths and excellence in science and technology integrated with design, business, education, arts, humanities, and social sciences. Finally, Iowa State outlines its goal to build and enhance outreach and global partnerships to promote scientific advances, economic growth, creative thinking, and improvement of the human condition.

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

<http://www.president.iastate.edu/sp/>

Physical Campus Plan

Responsible Party

Cathy Brown

Assistant Director of Campus Physical Planning
Facilities Planning and Management

Criteria

Institution's current plan for its physical campus (commonly referred to as the campus master plan) includes sustainability at a high level.

An amendment to the plan may count for this credit, as long as the institution always presents the amendment with the original plan.

Neither a strategic plan (which is covered in *PAE Credit 2: Strategic Plan*) nor an independent sustainability plan (which is covered in *PAE Credit 4: Sustainability Plan*) counts for this credit.

Plans developed at the system level are eligible for this credit. Likewise, multiple plans which together cover the institution's entire physical campus are eligible for this credit.

Submission Note:

Currently this information is not in the form of a Campus Master Plan. This is currently under consideration for the upcoming year.

The following summary of the 1991 Master Plan mentions elements of sustainability, such as limited land use:

<http://www.fpm.iastate.edu/planning/masterplan/summary.asp>

The 1991 Campus Master Plan: 2000 Supplemental Progress Report mentions elements of sustainability as well, such as providing effective stewardship of the institutions' state, federal, and private resources:

<http://www.fpm.iastate.edu/planning/masterplan/2000report.asp>

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

Does the institution's physical campus plan include sustainability at a high level?:

Yes

A brief description of how the physical campus plan or amendment includes sustainability:

The university's physical campus plan was developed over 20 years ago. The institution has not formally adopted a supplemental chapter, nor is there a specific mention of sustainability in the campus plan; however, the working plan and design guidelines include goals and strategies for the following items:

1. Green buildings, LEED gold a goal for all new building construction

2. Energy conservation
3. Greenhouse gas emissions reduction strategies
4. Water conservation
5. Waste reduction and recycling
6. Indoor air quality
7. Storm water management
8. Transportation systems
9. Green landscaping

The ISU Campus Master Plan focuses on several specific objectives that align with sustainable development:

- Establish a clear sense of entry and arrival to campus
- Reinforce and extend the concept of campus as a primary pedestrian environment
- Limit the land area devoted to parking in the core campus area to maintain high quality pedestrian open space.
- Enhance pedestrian linkages from the Central Lawn to campus edges.
- Preserve and extend the picturesque landscape character of the Central Lawn and Campanile.
- Expand and clarify the campus bicycle system and integrate it with the Ames community bike path system.
- Maintain and enhance the natural features that surround and pass through the campus such as the creeks, wooded areas and Lake LaVerne.
- Maintain the use of land resources within the campus core primarily for instruction and locate research and non-academic uses outside of the 10-minute walking zone.

The year the physical campus plan was developed or adopted:

1,991

The website URL where the physical campus plan is available:

<http://www.fpm.iastate.edu/planning/masterplan/>

Sustainability Plan

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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:

At the June 12, 2008 meeting of the Iowa Board of Regents, the Board President outlined priorities for the next fiscal year – including a plan for sustainability. He stated that this initiative follows on and extends the very exciting work already underway on Regent campuses and he asked the Regent institutions to develop a plan during the next year to provide an integrated and collaborative effort towards greater sustainability. The board directed that the plan make the Regent institutions leaders in the nation in operational practices , education, research , and economic development.

This resulting plan was formed from input from faculty, staff, and administration from the University of Northern Iowa, University of Iowa, and Iowa State University, along with final approval by the Board of Regents. This plan is now one of the guiding documents in sustainability efforts at Iowa State University.

A brief description of the plan's measurable goals :

Planning and Development Goals:

1. LEED Certification: All major projects (new buildings and major capital renovations) initiated after April 1, 2009 shall meet or exceed the U.S. Green Building Council's guidelines for silver level LEED certification.
2. Design Professional Services Selection: For all major capital projects initiated after April 1, 2009, preference shall be given to design professionals with LEED certification experience.

3. ASHRAE Energy Standards: All new building and major capital renovation projects that alter mechanical and electrical systems shall exceed the current American Society of Heating, Refrigerating & Air Conditioning Engineers (ASHRAE) 90.1 requirements, which provides minimum requirements for energy efficient design of buildings.

4. Energy Efficient Lighting and Lighting Systems: The design of new lighting and lighting control systems shall comply with the latest version of the American Society of Heating, Refrigerating & Air Conditioning Engineers/Illumination Engineering Society of North America (ASHRAE/IESNA) 90.1, Energy-Efficient Design of New Buildings Except Low-Rise Residential. The Lighting quality and light uniformity shall comply with Illuminating Engineering Society of North America (IESNA) Standard, Current Edition.

5. Electronic Business Solutions: All campuses shall encourage electronic business solutions to reduce the demand for paper and travel, such as electronic systems and teleconferencing.

Purchasing Goals:

1. Energy Efficiency: Institutions shall specify U.S. EPA Energy Star 2 equivalent or better ratings on applicable energy consuming products when available and practicable. When Energy Star labels are not available, all purchasing units shall choose products that are energy efficient.

2. Source Reduction

o Institutions shall purchase products with a minimum of 30% Post Consumer Waste (PCW) recycled content for paper products, or, at the minimum, EPA standard for other products, or bio-based materials, when available and practicable.

o Institutions shall encourage vendor packaging that is reusable, contains a minimum of hazardous and non-recyclable materials, and meets or exceeds the recycled material content levels in the U.S. EPA Comprehensive Procurement Guidelines for Paperboard and Packaging.

o Reduce the use of disposable products. Specify and purchase products that are reusable or refillable wherever feasible and practical

o By July 1, 2012, the Regent institutions' combined purchases with recycled content will increase by 10% over the base year of FY 2010.

3. Buy Local: Institutions shall encourage purchase of locally grown and produced products, defined as within Iowa or a 500 mile radius of the institution, to minimize the environmental costs associated with shipping.

4. Green Goods and Services: Institutions shall encourage the use of green- certified products and services such as, but not limited to, Green Seal, Egologo, EPEAT (Electronic Product Environmental Assessment Tool), FSC, etc.

5. E-procurement:

o Institutions shall strive to achieve paperless processes by reducing the use of paper, toner, storage files and space

o By January 1, 2010, institutions shall require all bidders for goods and services (excluding construction) to: submit bids/proposals electronically or, at a minimum, on recycled paper, double-sided and without extra materials not requested; reduce packaging or minimize the negative impact of packaging; consider the environmental and social impact costs over the lifetime of a product or services in evaluation criteria.

Energy and Climate Goals:

1. Metering: By July 1, 2013, 90 percent of the utilities (steam, condensate, electricity, potable water and chilled water) systems shall be metered at the point of consumption to measure effectively use and waste in the system.

2. Energy Portfolio:

o By July 1, 2013, the combined energy portfolio of the Regent institutions shall include at least 10% from renewable sources.

o By 2025, the Regent institutions shall meet the Culver/Judge Energy Legislation Initiative for a renewable standard of 25% (

http://www.governor.iowa.gov/news/2008/01/15_1.php

)

- o The Regent institutions shall establish individual goals to enable the collective success toward the use of renewable energy. As part of this, the institutions will also develop and act on individual plans for energy reduction, energy efficiency and energy conservation goals.
- o The Regent institutions shall achieve reductions in Greenhouse Gas (GHG) emissions consistent with the strategies developed by the Iowa Climate Change Advisory Council created under Iowa Code § 455B.851 in 2007.

Materials and Recycling Goals:

1. Recycling: Encourage and promote programs that reuse, repurpose or recycle surplus items such as lamps/light bulbs, toxic waste, batteries, paper, bottles, and other products where feasible and practicable.
2. Conserving: Select the duplex setting as the default for printers and copiers, and use recycled toner whenever possible.
3. Materials:
Recycle electronic waste in a responsible manner.
Encourage institutions to continue to identify strategies and programs to mitigate waste.

Transportation Goals:

1. Emissions: Regent institutions shall reduce the emissions related to the campus fleet through:
 - o Increasing E85 and biodiesel alternate fuels while increasing the percentage of Flex Fuel, hybrid and electric vehicles in each fleet.
 - o Increasing the number of passenger miles traveled (number of passengers times the miles traveled) in university fleet vehicles, relative to total fleet mileage.
 - o Reducing the number of vehicles used for transportation of employees and guests to/from airports.
 - o Initiating discussions with Risk Management personnel to resolve Worker's Compensation issues to allow Regents' fleet vehicles to transport other state, county, municipal, and governmental staff and officials on coordinated travel.
 - o Increasing efforts to reduce vehicle idling.
2. Alternative Transportation: Regent institutions shall strive to reduce the number of single occupant vehicles coming to campus through:
 - o Creating new or expanding programs or partnerships with municipalities and local bus, van pool and ride share systems to provide alternatives to commuting alone
 - o Increasing parking system controls or incentives to encourage alternatives and achieve reductions in the number of single passenger commuter vehicles.
 - o Expanding the use of teleconferences, video conferencing, and interactive webinars with geographically distant individuals
 - o Coordinating travel of employees attending the same event.
 - o Encouraging walking and biking by enhancing safe walking paths, bike lanes, and other bicycle programs such as bike storage.
 - o Exploring work alternatives and alternative scheduling that meets the needs of the institution.

Water and Landscape Goals:

1. Irrigation Water Consumption: Regents institutions will adopt best management practices for minimizing irrigation and for the use of gray water for this purpose.
2. Organic Campus: Regents institutions will use Organic Materials Review Institute (OMRI) listed pesticides and fertilizers on campus.
3. Stormwater Management: Regents institutions will adopt best management practices for stormwater on campus.

Sustainability in the Curriculum Goals:

1. Increase efforts to recruit high school students, as well as professional and graduate students, who are seeking an education in sustainability at an institution that practices sustainability.
2. Increase the sustainability experiences for freshmen through first-year seminars, core general education requirements, or living/learning communities.
3. Make sustainability a part of all orientation programs on campus.
4. Form curriculum workshops to engage and assist faculty and teaching assistants in integrating sustainability into general education and, as appropriate, undergraduate and graduate programs.
5. Continue to participate in national efforts to understand and promote sustainability education, such as the National Teach-in Day for

Climate Change and Sustainability, the workshop on sustainability education sponsored by the Association for Advancement of Sustainability in Higher Education, and the Consortium on the place of sustainability in Global Learning Leadership sponsored by the Association of American Colleges and Universities.

6. Increase the curricular offerings in sustainability to undergraduates through majors, minors, certificates, internships, service learning, and living/learning communities.
7. Continue to support incorporating sustainability in the curriculum and in faculty research.
8. Encourage departments to offer interdisciplinary courses related to sustainability.
9. Offer courses that address specific issues related to sustainability, including encouraging students to be knowledgeable and responsible citizens and preparing students to pursue sustainable practices in their professions. Topics that can be addressed are environmental restoration and preservation, LEED construction practices, efficient operation and control of mechanical and power systems, alternative power sources, and sustainability incorporated in the design of human environments.
10. Sponsor Town Hall meetings on campus to discuss curricular efforts related to sustainability.
11. Create sustainability enhancements for graduate and professional degree students through certificates, internships, or research partnered with green industry, government agencies, or non-government organizations.
12. Increase opportunities for sustainability education through stand-alone certificates for returning students, certificates through distance education, or cooperative agreements with community colleges.

Sustainability in Economic Development/Research/Outreach Goals:

1. Expand external funding of sustainability research.
2. Continue to work with other educational leaders at all levels and leaders in the private sector to develop a statewide science and technology plan to reposition Iowa for workforce development and to capitalize on the unique strengths of each of the three public universities.
3. Sponsor seminars for industries in wind energy, biofuels, solar and other renewable energies, biobased energy, and other biobased products.
4. Work with students and businesses to exploit opportunities made available by the promotion of sustainability.
5. Conduct an ongoing series of high profile workshops on sustainability, available to the public, including major international conferences on renewable energy and water resources.
6. Exploit the creative resources of the Internet to share the vision, knowledge, and practices and to invite engagement in these challenging issues of the 21st century.
7. Assist in the implementation of sustainable practices by firms and government agencies, including the identification of cost-effective environmentally-friendly processes that are economically sustainable to generate a normal rate of profit.
8. Develop new methods of analysis for evaluating the sustainability of alternative natural and built environments within different economic systems.
9. Develop and transfer new technologies that conserve energy, matter, and, in particular, water, air, minerals, and other natural resources.
10. Sustain and create industries that drive the world's economic engines to improve the quality of life.
11. Continue to develop and grow programs that are directed at sustainability for the nation and the developing world.
12. Provide public education to increase energy and resource conservation and the recycling and reuse of material.
13. Develop public education to reduce soil erosion and overuse of chemicals and fertilizers in agriculture, and to increase energy efficiency on farms.

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

Each year Iowa State prepares a report highlighting its progress toward meeting each of the goals outlined in the plan at a spring Board of Regents Meeting. At this forum, the regents have the ability to approve, deny, or ask for more information on the report. Additionally, this is the time when changes are made to the plan with regard to each of the universities within the Iowa Board of Regents System.

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

http://www.regents.iowa.gov/Meetings/DocketMemos/09Memos/March/0309_ITEM15.pdf

The year the plan was developed or last updated:

2,010

Climate Action Plan

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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:

Iowa State University shall achieve reductions in Greenhouse Gas (GHG) emissions consistent with the strategies developed by the Iowa Climate Change Advisory Council created under Iowa Code § 455B.851 in 2007.

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

- By July 1, 2013, the combined energy portfolio of the Regent institutions shall include at least 10% from renewable sources.
- Metering: By July 1, 2013, 90 percent of the utilities (steam, condensate, electricity, potable water and chilled water) systems shall be metered at the point of consumption to measure effectively use and waste in the system.

- By 2025, the Regent institutions shall meet the Culver/Judge Energy

Legislation Initiative for a renewable standard of 25%

(

http://www.governor.iowa.gov/news/2008/01/15_1.php

)

- The Regent institutions shall establish individual goals to enable the collective success toward the use of renewable energy. As part of this, the institutions will also develop and act on individual plans for energy reduction, energy efficiency and energy conservation goals.

- The Regent institutions shall achieve reductions in Greenhouse Gas (GHG)

emissions consistent with the strategies developed by the Iowa Climate Change Advisory Council created under Iowa Code § 455B.851 in 2007.

Year the climate plan was formally adopted or approved:

2,009

An indication of whether institution has made a commitment to reduce GHG emissions a specific amount by a target year:

List which emissions (scope 1, 2, and/or 3) are included in its GHG emissions commitment:

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://www.regents.iowa.gov/Meetings/DocketMemos/09Memos/March/0309_ITEM15.pdf

Diversity and Affordability

This subcategory seeks to recognize institutions that are working to advance diversity and affordability on campus. In order to build a sustainable society, diverse groups will need to be able to come together and work collaboratively to address sustainability challenges. People of color and low-income communities tend to suffer disproportionate exposure to environmental problems. This environmental injustice happens as a result of unequal and segregated communities. To achieve environmental and social justice, society must work to address discrimination and promote equality. The historical legacy and persistence of discrimination based on racial, gender, religious, and other differences makes a proactive approach to promoting a culture of inclusiveness an important component of creating an equitable society. Higher education opens doors to opportunities that can help create a more equitable world, and those doors must be open through affordable programs accessible to all regardless of race, gender, religion, socio-economic status and other differences. In addition, a diverse student body, faculty, and staff provide rich resources for learning and collaboration.

Credit
Diversity and Equity Coordination
Measuring Campus Diversity Culture
Support Programs for Underrepresented Groups
Support Programs for Future Faculty
Affordability and Access Programs
Gender Neutral Housing
Employee Training Opportunities
Student Training Opportunities

Diversity and Equity Coordination

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

Institution has a diversity and equity committee, office, and/or coordinator that are tasked by the administration or board of trustees to advise on and implement policies, programs, and trainings related to diversity and equity on campus.

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

Does the institution have a diversity and equity committee?:

Yes

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

The University Committee on Diversity (UCD) is charged with "assess[ing] the effectiveness of diversity efforts on campus, identify[ing] gaps in university diversity policies and efforts, develop[ing] new policies and initiatives as necessary, and ensure[ing] that units across the university are meeting diversity objectives." The UCD meets several times each semester. Among the committee's responsibilities is the review of diversity reports submitted by colleges and units. In addition, the UCD is responsible for reviewing applications for the Diversity Grants Program administered by the Office of the Senior Vice President and Provost. The committee also supports diversity-related events and activities that occur across the university.

Members of the committee, including job titles and affiliations :

Bratsch-Prince, Dawn; Chair; Chief Diversity Officer and Associate Provost for Academic Personnel

Beatty, Cameron; Member; Graduate and Professional Student Senate

Bruna, Katherine; Member; College Diversity Committee Chairs

Curbelo, Aurelio; Member; College Diversity Committee Chairs

Deike, Hillary; Member; College Diversity Committee Chairs

Deng, Nyajuok; Member, Government of the Student Body

Denison, Christine; Member; College Diversity Committee Chairs

Dixon, Kerry; Member; University Committee on Disabilities

Dorsett, James; Member; Student Affairs

Fowler, Chris; Member; University Committee on Women

Frank, Matthew; Member; College Diversity Committee Chairs

Gaskin, Sylvester; Member; Student Affairs

Geske, Joel; Member; College Diversity Committee Chairs

Gonzales, Mary; Member; Student Affairs

Harris, Amy; Member; Professional & Scientific Council

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Harris, David; Member; Athletics Department
Hernandez, Himar; Member; At-large
Madon, Stephanie; Member; Faculty Senate
Moats, Steven; Member; At-large
Piscitello, Joan; Member; Business and Finance
Pruismann, Kristin; Member; Business and Finance
Rumbeiha, Wilson; Member; College Diversity Committee Chairs
Salinas, Cristobal; Member; College Diversity Committee Chairs
Schmittmann, Beate; Member; Council of Deans
Trainor, David; Member; Business and Finance
Wilson, Michael A; Member; At-large

The website URL where information about the diversity and equity committee is available:

<http://www.provost.iastate.edu/what-we-do/diversity/cc/ucd>

Does the institution have a diversity and equity office?:

Yes

A brief description of the diversity office:

Iowa State's Office of the Senior Vice President and Provost has a Chief Diversity Officer as well as an Equity and Diversity Coordinator. These roles are tasked with chairing the University Committee on Diversity (formerly the Advisory Committee on Diversity Programming and Coordination), an advisory committee on diversity programming and issues at Iowa State. The group also searches for opportunities to get faculty more involved in existing diversity initiatives, such as the annual Iowa State Conference on Race and Ethnicity (ISCORE). Finally, this staff core supports the campus-wide efforts to attract a diverse pool of applicants for faculty and staff positions.

The number of people employed in the diversity office:

2

The website URL where information about the diversity and equity office is available:

<http://archive.inside.iastate.edu/2011/0324/eoc.php>

Does the institution have a diversity and equity coordinator?:

Yes

Diversity coordinator's name:

John Taylor

Diversity coordinator's position title:

Equity and Diversity Coordinator

A brief description of the diversity coordinator's position:

The ISU Equity and Diversity Coordinator assists the Chief Diversity Officer in all aspects of diversity planning and administration, and has a significant role on the university Work/Life Committee and with the ADVANCE Programs. The goal of the ISU ADVANCE Program is to investigate the effectiveness of a multilevel collaborative effort to produce institutional transformation that results in the full participation of women faculty in science, technology, engineering and math fields in the university. The coordinator also assists with the recruitment and retention of minority faculty; works with the African-American, Asian, Latino/a and LGBT (lesbian, gay, bisexual, transgender) groups on campus; participates in the University Committee on Diversity and the University Committee on Women; and coordinates the annual Emerging Leaders Academy.

The website URL where information about the diversity and equity coordinator is available:

<http://archive.inside.iastate.edu/2011/0901/taylor.php>

Measuring Campus Diversity Culture

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

Institution assesses attitudes about diversity and equity on campus and uses the results to guide policy, programs, and initiatives.

Institution may measure its culture of diversity and equity using one assessment for the entire institution or using separate assessments that taken together cover the entire institution.

Assessments conducted during the previous five years are eligible for this credit.

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

Has the institution assessed attitudes about diversity and equity on campus in a way that meets the criteria for this credit?:

Yes

A brief description of the assessment(s):

The University Life Survey assesses the living/working/learning environment at Iowa State University. The survey is administered by the Office of the Senior Vice President and Provost. The overall goal of the University Life Survey is to improve the quality of university life for everyone at Iowa State University.

Respondents are asked specific questions about the recruitment of students, faculty and staff as well as university-wide efforts to support a positive learning and working environment. All respondents are asked to prioritize sub goals, with one of the options being to expand/nurture diversity. Respondents were also asked to indicate their level of agreement with the following statements:

Iowa State University Increases the Diversity of People, Ideas, and Cultures

Iowa State University Nurtures an Environment in Which Diversity Can Thrive

In the last survey diversity was identified as the number one university priority by underrepresented minorities and graduate students and the number four priority overall.

Year the assessment was last administered:

2,011

A brief description of how the results of the assessment(s) are used in shaping policy, programs, and initiatives:

Every two years, respondents share insights that will improve university policies and direct future institutional practices. Insights gained from the University Life Survey allow measurement on progress toward goals in the 2010-2015 Strategic Plan. Bi-annually, the President of Iowa State University reports survey results to the Board of Regents and uses participant feedback to assess needs and to implement future best practices.

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

<http://www.provost.iastate.edu/what-we-do/reports/u-life>

Support Programs for Underrepresented Groups

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

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

Submission Note:

More resources for faculty, students, and staff:

<http://www.diversity.iastate.edu/members>

<http://www.provost.iastate.edu/what-we-do/diversity>

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

Does the institution have mentoring, counseling, peer support, affinity groups, academic support programs, or other programs in place to support underrepresented groups on campus?:

Yes

A brief description of the programs sponsored by the institution to support underrepresented groups within the student body:

ISU has The Multicultural Student Affairs (MSA) office, which works to improve the retention of multicultural students with an emphasis on academic success and student leadership development. MSA establishes partnerships with Iowa State University departments and related organizations in an effort to promote continuous improvements that respond to the needs of multicultural students. Through its learning communities, academic enrichment programs, leadership opportunities, classes, workshops and community activities, MSA connects multicultural students to university and community resources that can assist in their persistence and graduation at Iowa State University. Not only does MSA provide specific programs and services that impact the retention of multicultural students but it also supports multicultural students as they acclimate to the university.

In addition, Lesbian Gay Bisexual Transgender Student Services (LGBTSS) is a safe space for all members of the university community to explore aspects of sexual orientation and gender identity/expression in an open and non-judgmental atmosphere. LGBTSS is committed to providing information and education that enhances the educational experience and overall quality of student life on the Iowa State University campus. LGBTSS and its staff work to promote advocacy, support, visibility, and diversity through programming, a variety of services, and referral. In achieving this mission, LGBTSS strives to promote full inclusion of LGBT persons and their allies at

ISU and to eliminate homophobia, heterosexism, transphobia and sexism on our campus.

The Margaret Sloss Women's Center (MSWC) promotes equity and social change on the Iowa State University campus for women students. Through a feminist lens, the center advocates for individuals and groups; provides support, referrals, community and programming; and maintains a safe space in the Sloss House.

A brief description of the programs sponsored by the institution to support underrepresented groups within the faculty:

Lesbian Gay Bisexual Transgender Student Services (LGBTSS) is a safe space for all members of the university community to explore aspects of sexual orientation and gender identity/expression in an open and non-judgmental atmosphere. LGBTSS and its staff work to promote advocacy, support, visibility, and diversity through programming, a variety of services, and referral. In achieving this mission, LGBTSS strives to promote full inclusion of LGBT persons and their allies at ISU and to eliminate homophobia, heterosexism, transphobia and sexism on our campus.

The Margaret Sloss Women's Center (MSWC) promotes equity and social change on the Iowa State University campus for women faculty. Through a feminist lens, the center advocates for individuals and groups; provides support, referrals, community and programming; and maintains a safe space in the Sloss House.

A brief description of the programs sponsored by the institution to support underrepresented groups within the staff:

Lesbian Gay Bisexual Transgender Student Services (LGBTSS) is a safe space for all members of the university community to explore aspects of sexual orientation and gender identity/expression in an open and non-judgmental atmosphere. LGBTSS and its staff work to promote advocacy, support, visibility, and diversity through programming, a variety of services, and referral. In achieving this mission, LGBTSS strives to promote full inclusion of LGBT persons and their allies at ISU and to eliminate homophobia, heterosexism, transphobia and sexism on our campus.

Finally, The Margaret Sloss Women's Center (MSWC) promotes equity and social change on the Iowa State University campus for women staff. Through a feminist lens, the center advocates for individuals and groups; provides support, referrals, community and programming; and maintains a safe space in the Sloss House.

The website URL where more information about the programs in each of the three categories is available :

<http://www.parents.iastate.edu/student-affairs-resources>

Support Programs for Future Faculty

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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.
-

Submission Note:

Resource Guide for Recruiting Excellent and Diverse Faculty:

<http://www.provost.iastate.edu/resources/guide/diversity>

ISU ADVANCE:

http://www.advance.iastate.edu/pdfs/advance_reports/In_a_Nutshell_%202009-07-12F.pdf

ISCORE:

<http://www.iscore.iastate.edu/about.html>

Graduate Disability Assistantship Program (GDAP):

http://www.grad-college.iastate.edu/common/finance/disability_program.php

Graduate Minority Assistantship Program (GMAP):

<http://www.grad-college.iastate.edu/common/finance/gmap.php>

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

Does the institution administer and/or participate in programs that meet the criteria for this credit?:

Yes

A brief description of the institution's programs that help increase the diversity of higher education faculty :

As part of ISU's efforts to diversify its faculty membership, ISU ADVANCE was created in 2006. This program has become Iowa State's most prominent vehicle to recruit, retain, and advance women and women of color in STEM faculty positions.

In addition, the Iowa State Conference on Race & Ethnicity (ISCORE) is a comprehensive forum on issues of race and ethnicity at Iowa State University and beyond. The conference assists ISU in creating inclusive environments, improving campus racial and ethnic relations, and expanding opportunities for access to education for traditionally underrepresented populations.

Iowa State University also offers funding for graduate students with a disability through its Graduate Disability Assistantship Program (GDAP). Eligible applicants include degree-seeking Masters or Ph.D. students.

Finally, Iowa State University offers financial assistance to US citizens who are members of ethnic groups traditionally underrepresented in higher education through its Graduate Minority Assistantship Program (GMAP). Degree-seeking Masters or Ph.D. students are eligible, and GMAP is among the university's most widely-applied financial programs for graduate students.

More resources are available at:

<http://www.grad-college.iastate.edu/common/finance/>

The website URL where more information about the program(s) is available :

<http://www.provost.iastate.edu/resources/guide>

Affordability and Access Programs

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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.

Submission Note:

Financial Planning Tools:

<http://www.financialaid.iastate.edu/planning/>

Project SEED:

<http://www.las.iastate.edu/iowa-state-university-program-gives-chemistry-experiences-to-economically-disadvantaged-iowa-high-school-students/>

Hixson Opportunity Awards:

<http://www.dso.iastate.edu/hixson>

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

Does the institution have policies and programs in place to make it accessible and affordable to low-income students?:

Yes

A brief description of the institution's participation in federal TRIO programs:

The TRiO programs at Iowa State University include four outreach and support programs targeted to help disadvantaged students progress from middle school to post-baccalaureate programs. Programs offered at Iowa State include Educational Talent Search, Upward Bound, Student Support Services, and Ronald E. McNair Post-baccalaureate Achievement.

Educational Talent Search:

The Educational Talent Search program provides academic, career, and financial counseling to its participants and encourages them to graduate from high school and continue on to the post-secondary school of their choice.

Upward Bound:

Upward Bound provides opportunities for participants to succeed in pre-college performance and ultimately in higher education pursuits.

Student Support Services:

The Student Support Services (SSS) program provides opportunities for academic development, assists students with basic college requirements, and serves to motivate students towards the successful completion of their post-secondary education.

Ronald E. McNair Post-baccalaureate Achievement:

The Ronald E. McNair Post-baccalaureate Achievement program prepares participants for doctoral studies through involvement in research and other scholarly activities.

A brief description of the institution's policies and programs to minimize the cost of attendance for low-income students?:

Scholarships are awarded on the basis of achievement, although many also require demonstrated financial need. ISU financial aid professionals are committed to removing financial barriers for those who wish to pursue postsecondary learning. They also make every effort to assist students with financial need.

A brief description of the institution's programs to equip the institution's faculty and staff to better serve students from low-income backgrounds:

Iowa State University programs equip the University's faculty and staff to better serve students from low income backgrounds. These programs actively engage faculty and staff and, in many cases, Iowa State University students in a variety of ways from traditional classroom settings to informal learning environments such as workshops, research opportunities, career exploration/job shadowing, mentoring, tutoring, advising (academic, career, financial, etc.), community services, participation on committees, recruitment, and more. The following programs are all involved in this effort:

Educational Talent Search

Upward Bound

Student Support Services

Ronald E. McNair Post-baccalaureate Achievement

Project SEED

A brief description of the institution's programs to prepare students from low-income backgrounds for higher

education:

The Hixson Opportunity Awards are scholarships available to incoming freshman with financial need. All recipients take The Hixson Seminar (University Studies 101), which provides an introduction to life and resources at Iowa State University and an orientation to the functions of the Hixson Program. The seminar helps Hixson Scholars adjust to college life, develop better self-understanding, and gain more knowledge about their learning processes. The course provides a support system for examining difficulties associated with the first-year college experience in an atmosphere that is less formal than traditional college courses.

A brief description of the institution's scholarships for low-income students:

Iowa State University offers several scholarships to low-income students, including the Roy J. Carver Scholarship Program. Twenty awards are available to applicants with great potential and promise who have to work hard to make ends meet, or who are faced with significant social and economic obstacles in their lives. Selection is based on academic merit, potential in field of study, financial need, and the consideration of extenuating circumstances that present challenges to obtaining a degree (

<http://www.financialaid.iastate.edu/scholarships/view.php?id=181>

).

In addition, the Office of Student Financial Aid offers the ISU Grant, which is available to students with a demonstrated financial need. (

<http://www.financialaid.iastate.edu/grants/isu.php>

)

Finally, students can also apply for a Leveraging Educational Assistance Partnership (LEAP) Grant. These awards target students with a substantial financial need (

<http://www.financialaid.iastate.edu/grants/leap.php>

).

A brief description of the institution's programs to guide parents of low-income students through the higher education experience:

Iowa State offers a net price calculator, which provides an estimate of the cost to attend ISU given a family's particular financial situation. In addition, parents can access the Office of Student Financial Aid's Information for Parents website, which offers additional resources (

<http://www.financialaid.iastate.edu/parents/>

).

A brief description of the institution's targeted outreach to recruit students from low-income backgrounds:

Upward Bound:

- Upward Bound serves high school students from low-income families and high school students from families in which neither parent

holds a bachelors degree. The goal of Upward Bound is to increase the rates at which participants enroll in and graduate from institutions of post-secondary education.

- Upward Bound is a college preparatory program for first generation and/or income eligible high school students. It is designed to prepare youth for education beyond high school by providing appropriate academic, cultural, and social programs that develop the skills, attitudes, and motivation necessary for post-secondary education.

Educational Talent Search:

- Iowa State University TRIO Educational Talent Search (ETS) is a college preparatory program funded by the US Department of Education. The goal of ETS is to increase the likelihood that participants graduate from high school and enroll in college. This goal is accomplished by providing participants with academic, financial aid and personal counseling through monthly school visits.

- ETS serves 1000 students in grades 6-12 in 5 central Iowa school districts. Two-thirds of students served by ETS must qualify as first-generation college-bound (meaning neither parent has received a Bachelor's degree) and by income guidelines established by US ED. ETS Advisers work with school counselors and teachers to identify qualified youth who have the potential for college success.

A brief description of the institution's other admissions policies and programs:

Other admission programs include Iowa State's visits to Iowa high schools, hosting campus visits for various TRIO program groups and participation in college fairs targeting communities around the state.

Admission policies are the same for all students. Freshman applicants must meet the Regents Admission Index (RAI) of 245 and satisfaction of high school core course work for automatic admission. Those applications below 245 or not meeting the high school core course work are reviewed on an individual basis. The RAI is a formula approved by the Board of Regents that takes into consideration the student's ACT composite score, cumulative grade point average (4.0 scale), class rank and high school core course work. The individual review process looks at these same elements and takes into consideration how they might relate to the student's intended major or any extenuating circumstances in the student's life.

A brief description of the institution's other financial aid policies or programs:

The Iowa State University Office of Student Financial Aid incorporates into its ISU Financial Aid Code of Conduct the following principles and standards:

Support efforts to encourage students, as early as the elementary grades, to aspire to and plan for education beyond high school.

Educate students and families through quality consumer information.

Respect the dignity and protect the privacy of students, and ensure the confidentiality of student records and personal circumstances.

Ensure equity by applying all need analysis formulas consistently across the institution's full population of student financial aid applicants.

Provide services that do not discriminate on the basis of race, gender, ethnicity, sexual orientation, religion, disability, age, or economic status.

A brief description of the institution's other policies and programs not covered above:

The website URL where information about programs in each of the areas listed above is available:

<http://www.trio.iastate.edu/>

Gender Neutral Housing

Responsible Party

Lisa Ludovico

Assistant Director for Administrative Services

Department of Residence

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

Does the institution offer housing options to accommodate the special needs of transgender and transitioning students (either as a matter of policy or as standard practice)?:

Yes

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

Iowa State University offers gender neutral housing in the Schilleter-University Village on-campus apartment community. There, residents can choose to live with anyone, regardless of gender. In the residence halls, ISU has a limited number of single rooms with attached, private bathrooms that the Department of Residence identifies as gender neutral options. All other on-campus apartments and residence hall rooms are single gender.

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

Employee Training Opportunities

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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

Does the institution make cultural competence trainings and activities available to all employees?:

Yes

A brief description of the cultural competence trainings and activities:

The NCORE-ISCORE Project consists of a delegation of Iowa State University students, faculty, and staff who attend the National Conference on Race and Ethnicity in Higher Education annually. Conference participants will disseminate information gathered from NCORE at ISCORE, the Iowa State Conference on Race and Ethnicity.

ISCORE seeks to bring the more salient ideas and concepts of the national conference to Iowa State University, add local perspectives, and develop and enhance ISU student, faculty, and staff awareness of racial and ethnic issues in higher education around the country. In addition, the program seeks to make information regarding issues of race and ethnicity accessible to the entire university community and support the university's ongoing efforts.

The website URL where information about the trainings and activities are available:

<http://www.iscore.iastate.edu/about.html>

Student Training Opportunities

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Submission Note:

ISCORE:

<http://www.iscore.iastate.edu/about.html>

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

Does the institution make cultural competence trainings and activities available to all students?:

Yes

A brief description of the cultural competence trainings and activities:

The Social Justice Summit is held each February. Formerly known as the Multicultural Leadership Summit, this program is now in its thirteenth year and continues to provide students with the opportunity to increase their awareness surrounding issues of inclusion and to develop action plans that will assist them in being agents of change on campus. Registration is free and open to ISU students.

In addition, The NCORE-ISCORE Project consists of a delegation of Iowa State University students, faculty, and staff who attend the National Conference on Race and Ethnicity in Higher Education annually. Conference participants will disseminate information gathered from NCORE at ISCORE, the Iowa State Conference on Race and Ethnicity. ISCORE seeks to bring the more salient ideas and concepts of the national conference to Iowa State University, add local perspectives, and develop and enhance ISU student, faculty, and staff awareness of racial and ethnic issues in higher education around the country.

The website URL where information about the trainings and activities are available:

http://www.sac.iastate.edu/en/leadership_programs/social_justice_summit/

Human Resources

This subcategory seeks to recognize institutions that have incorporated sustainability into their human resources programs and policies. This includes recognition for treating and remunerating their workers responsibly and fairly. An institution's people define its character and capacity to perform; and so, an institution's achievements can only be as strong as its community. An institution can bolster the strength of its community by making fair and responsible investments in its human capital. Such investments include offering benefits, wages, and other assistance that serve to respectfully and ethically compensate workers. Investment in human resources is integral to the achievement of a healthy and sustainable balance between human capital, natural capital, and financial capital.

In addition, this subcategory recognizes faculty and staff training and development programs in sustainability. Faculty and staff members' daily decisions impact an institution's sustainability performance. Equipping faculty and staff with the tools, knowledge, and motivation to adopt behavior changes that promote sustainability is an essential activity of a sustainable campus.

Credit
Sustainable Compensation
Employee Satisfaction Evaluation
Staff Professional Development in Sustainability
Sustainability in New Employee Orientation
Employee Sustainability Educators Program
Childcare
Employee Wellness Program
Socially Responsible Retirement Plan

Sustainable Compensation

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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.

Submission Note:

FY12 P&S Council Report:

<http://www.pscouncil.iastate.edu/committees/compensation/reports/AR11-12ComBen.pdf>

Number of Employees:

<http://www.ir.iastate.edu/FB13/PDF/FB13-075.pdf>

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

Total number of employees working on campus (including contractors):

15,211

Number of employees (including contractors) that the institution ensures earn sustainable compensation:

15,211

A brief description of how the institution ensures that its lowest-paid workers (including contractors, if applicable) receive sustainable compensation:

Iowa State University Human Resource Services ensures that all its employees receive sustainable compensation in three ways. First of all, the prevailing wage is checked for its lowest-paid workers. Human Resource Services then makes sure the pay offered is average for the region. Finally, wages for all positions are maintained above minimum wage. Compensation for Merit staff covered by collective bargaining agreements is determined through a separate bi-annual negotiation process. Bargaining related to Merit staff is conducted at a State of Iowa level.

In addition, The Professional and Scientific (P&S) Council Compensation & Benefits (C&B) Committee works to assure a fair and equitable financial reward system for P&S staff.

The C&B Committee's responsibility is to assess the effectiveness of the university's classification and compensation system. They develop and recommend revisions to the plan as well as provide counsel to the P&S Council in the university's annual budgeting process pertaining to issues such as budget requests for salary, salary distribution, adjustments to the pay structure, and other compensation concerns. The committee also assesses and recommends action on issues dealing with staff benefits including leaves, professional development, insurance, and retirement.

The C&B Committee provides the following:

Fair compensation for ISU employees including continued discussions with the administration on a compensation review of the P&S Classification and Compensation system

Collaboration with Human Resource Services to develop exit interviews that will provide important data to insure fair compensation for ISU employees

Conducting a Peer 11 institution comparison of Human Resource Services staffing and roles at other institutions

The most recent year total compensation for the institution's lowest-paid workers (including contractors, if applicable) was evaluated to ensure that it was sustainable:

2,012

The website URL where information about the institution's compensation policies and practices is available:

<http://www.pscouncil.iastate.edu/committees/compensation/homepage.html>

Employee Satisfaction Evaluation

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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.

Submission Note:

Facilities Planning and Management Department Survey:

http://www.internal.fpm.iastate.edu/employee_survey/2011%20Employee%20Survey.pdf

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

Does the institution evaluate employee satisfaction in a way that meets the criteria for this credit?:

Yes

A brief description of the institution's methodology for evaluating employee satisfaction:

The University Life Survey assesses the living/working/learning environment at Iowa State University. The survey is administered by the Office of the Senior Vice President and Provost. Every two years, respondents share insights that will improve university policies and direct future institutional practices.

Insights gained from the University Life Survey allow measurement on progress toward goals in the 2010-2015 Strategic Plan. Respondents are asked specific questions about the recruitment of students, faculty and staff as well as university-wide efforts to support a positive learning and working environment.

Bi-annually, the President of Iowa State University reports survey results to the Board of Regents and uses participant feedback to assess needs and to implement future best practices. The overall goal of the University Life Survey is to improve the quality of university life for everyone at Iowa State University.

In addition, the Iowa State University Facilities Planning & Management (FP&M) Department conducts an internal survey with its employees. The surveys include several questions about job satisfaction, and responses allow FP&M to evaluate how it is doing overall.

The year the employee satisfaction evaluation was last administered:

2,011

The website URL where information about the institution's employee satisfaction evaluation process is available:

<http://www.provost.iastate.edu/what-we-do/reports/u-life>

Staff Professional Development in Sustainability

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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
-

Submission Note:

Dialogs on Sustainability:

<http://www.event.iastate.edu/event/27724>

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

Does the institution make training and professional development opportunities in sustainability available to all staff?:

Yes

A brief description of the sustainability trainings and professional development opportunities available to staff :

Iowa State University organizes an annual Symposium on Sustainability, which provides sustainability training and professional development to the entire university community, including staff. Coordinated by Iowa State University's Live Green! Initiative, the Symposium calls all students, faculty, and staff to action to be fully committed to and engaged in ensuring a sustainable future through their actions and decisions regarding the campus, its operations, and initiatives. The 2013 Symposium on Sustainability featured information sessions covering projects and initiatives taking place in campus operations and management, as well expanding and diversifying sustainability experiences offered to students.

The Live Green! Initiative, in partnership with the ISU Council on Sustainability, also organizes an annual series called, “Dialogs on Sustainability.” The series is offered once per year with different topics during each session. 2012 was the inaugural year of the series, which included one discussion. Attendees had the opportunity to take part in a facilitated discussion regarding options that can be used by the campus community to reduce the university’s research-related energy footprint.

The website URL where information about staff training opportunities in sustainability are available:

<http://www.livegreen.iastate.edu/symposium/2013/>

Sustainability in New Employee Orientation

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

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

Submission Note:

The website provided includes resources for new employees, which are highlighted during orientation. This webpage has links to CyRide (public bus), wellness programs, and Recreation Services.

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

Does the institution cover sustainability topics in new employee orientation and/or in outreach and guidance materials distributed to new employees, including faculty and staff?:

Yes

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

New employee orientation highlights various sustainability resources at Iowa State University. Every new staff member receives a brochure about recycling on campus, and representatives from different departments include information about carpooling, ride sharing, and local foods. Sustainability is also infused into the discussions during orientation, which describe the employee assistance program, well as wellness resources on campus and local food availability through ISU Dining. Finally, the Facilities Planning and Management Department provides specific information on how to conserve energy and other resources as an employee.

The website URL for the information about sustainability in new employee orientation:

<http://www.hrs.iastate.edu/hrs/node/22>

Employee Sustainability Educators Program

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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.

Submission Note:

The number of employees served by Green Teams was calculated based on the number of employees in the Iowa State University Colleges that have green teams.

The Iowa State University Symposium on Sustainability serves all employees, as all are welcome to attend. The Tall Grass Prairie Project targets education among faculty members, which include 1,845 employees.

Iowa State University Symposium on Sustainability:

<http://www.livegreen.iastate.edu/symposium/2013/>

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

Total number of people employed by the institution:

15,211

Program name (1st program) :

Procurement Process Certification Training

Number of employees served by the program (1st program):

15,211

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

The ISU Purchasing Department delegates purchasing authority to departments, which, in turn, select their employees to make purchases on the departments' behalf. Employees with this authority are recommended to take this training before spending departmental funds.

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

The Procurement Process Certification Training includes a session on green procurement. This covers Environmentally Preferable Purchasing (EPP) Guidelines, reducing unnecessary waste, purchasing recycled content products, and ways that energy and water savings can be realized through purchasing. In addition, educators learn how to minimize the use of toxins and the generation of pollution by purchasing degradable products, and how to use environmentally preferable paper and wood products. Educators are also taught about various key terms in green procurement, including Energy Star products, life cycle analysis, post-consumer content, and recyclable versus reusable products. After the training, employees can share this knowledge with other coworkers who can purchase within their respective departments.

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

The program is sponsored by the Iowa State University Purchasing department, which provides staff for the training. Training materials are also given to the educators on the Purchasing department's behalf.

The website URL where information about the program is available (1st program):

Program name (2nd program):

Green Teams

Number of employees served by the program (2nd program):

5,064

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

Green Teams are groups of faculty, staff, and students who have voluntarily come together with the goal of furthering sustainability practices, policies, behavior, and opportunities at Iowa State University. These teams have organized in conjunction with various alliances representing specific buildings, colleges, departments, and functional areas across campus.

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

Green teams collaborate with each other on green initiatives for a particular building or department, which then allows members to reach out to others in the organization and spread sustainable ideas. Teams gather and discuss information during meetings, allowing educators to become knowledgeable in sustainability-related issues and opportunities within each team's area.

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

Green Teams work closely with Iowa State University's Director of Sustainability, and receive institution resources through the Live Green! Initiative. Additionally, meeting space is provided for green team meetings, which occur quarterly on a formal basis.

The website URL where information about the program is available (2nd program):

<http://www.livegreen.iastate.edu/involved/teams/>

Program name(s) (all other programs):

The Tall Grass Prairie Project and Symposium on Sustainability The Tall Grass Prairie Project and Symposium on Sustainability
<http://www.nwf.org/~media/51963000E3CB4F1280D5B36CEA5EAC05.ashx>

Number of employees served by the program(s) (all other programs):

15,211

A brief description of how the employee educators are selected (all other programs):

The Iowa State University Symposium on Sustainability is open to all employees to attend. Therefore, selection does not occur on a formal basis.

This Tall Grass Prairie Project selects up to 20 faculty members to participate in yearly workshops. In order to participate, faculty participants must be committed to integrating one or more sustainability components into their course(s).

A brief description of the formal training that the employee educators receive (all other programs):

The Symposium on Sustainability consists of various lectures, poster sessions, and workshops that allow participants to learn about a broad range of sustainability topics to then share with their peers. The Symposium has typically been held over the course of one or several days, and is an opportunity to not only learn from formal speakers or organizers, but also a chance to network with other attendees and learn about successes and issues in other departments.

The Tall Grass Prairie Project's first workshop took place in May 2012 with a group of 16 attendees and was led by Dr. James Farrell from St. Olaf's College. After the participants worked in the summer at revising their syllabi, the participants gathered again for an exchange of ideas and plans.

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

Staff members in the Office of Sustainability organize the Symposium on Sustainability. The university also provides faculty speakers, funds for outside speakers, meeting space, and prizes for attendees.

The Office of the Provost and the Colleges of participating faculty fund the Tall Grass Prairie project. This program is also affiliated with the Live Green! Initiative, and receives support from Iowa State University's Director of Sustainability.

The website URL where information about the program(s) is available (all other programs):

<http://wiki.its.iastate.edu/display/TGP/Welcome+to+the+Tall+Grass+Prairie+Project>

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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

Does the institution have an on-site child care facility, partner with a local facility, and/or provide subsidies or financial support to help meet the child care needs of students, faculty, and staff?:

Yes

A brief description of the child care program, policy, or practice:

Iowa State University recognizes the importance of accessible and affordable child care and family services in attracting a diverse population of students and employees, reducing stress and absenteeism, and increasing retention. A multitude of resources are provided to university employees and students, including sick-child care services and emergency and back-up child care. Several child care facilities are available throughout campus.

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

<http://www.hrs.iastate.edu/hrs/childcare>

Employee Wellness Program

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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

Does the institution have an employee assistance or wellness program that provides counseling, referral, and well-being services to employees?:

Yes

A brief description of the employee wellness program, policy, or practice:

Iowa State University has a nutrition clinic, which offers nutrition counseling/health coaching and other programming. The university has also encouraged participation in Live Healthy Iowa, a state-wide team-based wellness challenge. Employees have tracked minutes of activity and/or weight loss through this program since 2003. Also, through the Wellness Works program, employees are made aware of various events and initiatives they can participate in, including different walks and races, and more specific events/initiatives, such as:

- ExerCYse is Medicine
- Pedometer Challenge
- Dance for the Health of It
- Cooking Demos
- Table Tent Materials
- Recipe Booklets
- Sustainable Eating Challenge
- Healthy Recipe contests

Other provided resources include health screenings and memberships to on-campus gyms and fitness centers. Fitness assessments include accurate measurements of body mass index, body composition, cardiorespiratory fitness, and muscular fitness. Health Screenings provide individualized information concerning:

- Ideal Body Weight
- Prognosis of coronary artery disease and/or other diseases
- Muscular Endurance

Finally, Iowa State University offers an online lifestyle change class, which is offered at a minimal/subsidized cost to employees. Most of the cost is refunded to those who complete the program. Class highlights include:

- Focusing on healthier eating strategies and sustainable healthy lifestyle habits- mindful eating and physical activity
- Strategies for behavior change is the focus—not just education

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

[Campus Sustainability Data Collector | AASHE](#)

Socially Responsible Retirement Plan

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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

Does the institution offer a socially responsible investment option for retirement plans?:

Yes

A brief description of the socially responsible investment option for retirement plans:

Iowa State University has offered the CREF Social Choice Fund, a socially screened mix of 60% stocks and 40% bonds in the retirement plan since the fund started in 1996 and added the TIAA-CREF Social Choice Equity Fund when it was offered. By using a percentage of each of these funds an employee can allocate their stock/bond proportions to make their retirement portfolio more aggressive than the 60/40 split, while keeping all their money in socially responsible investments. Iowa State University also offers VALIC as a primary retirement plan. The VALIC investment family offers one all US stock fund called the Socially Responsible Fund and one stock fund that offers both US and international companies called the Global Social Awareness Fund, which are both socially screened.

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

http://www.tiaa-cref.org/ucm/groups/content/@ap_ucm_p_tcp/documents/document/tiaa01007775.pdf

Investment

This subcategory seeks to recognize institutions that make investment decisions that promote sustainability. Most institutions invest some of their assets in order to generate income. Together, colleges and universities invest hundreds of billions of dollars. Schools with transparent and democratic investment processes promote accountability and engagement by the campus and community. Furthermore, institutions can support sustainability by investing in companies and funds that, in addition to providing a strong rate of return, are committed to social and environmental responsibility. Investing in these industries also supports the development of sustainable products and services. Finally, campuses can engage with the businesses in which they are invested in order to promote sustainable practices.

Throughout this subcategory, the term “sustainable investment” is inclusive of socially responsible, environmentally responsible, ethical, impact, and mission-related investment.

Credit
Committee on Investor Responsibility
Shareholder Advocacy
Positive Sustainability Investments
Student-Managed Sustainable Investment Fund
Sustainable Investment Policy
Investment Disclosure

Committee on Investor Responsibility

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

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

There are two possible approaches to earning this credit.

1) Institution filed or co-filed one or more shareholder resolutions that address sustainability or submitted one or more letters about social or environmental responsibility to a company in which it holds investments, during the previous three years.

and/or

2) Institution has conducted a negative screening of its entire investment pool within the last three years. This could take the form of prohibiting investment in an industry (e.g. tobacco or weapons manufacturing) or participating in a divestment effort (e.g. companies operating in South Africa during apartheid). The negative screen includes selling all but \$2,000 or less of the affected direct holdings and writing a letter to all fund managers encouraging them to remove affected holdings as well.

Institutions for which investments are handled by the university system and/or a separate foundation of the institution should report on the shareholder advocacy activities of those entities.

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

Has the institution filed or co-filed one or more shareholder resolutions that address sustainability during the past three years?:

No

Has the institution submitted one or more letters about social or environmental responsibility to a company in which it holds investments during the previous three years?:

No

Has the institution conducted a negative screening of its entire investment pool within the last three years?:

Yes

A brief description of how the institution (or its foundation) has engaged in shareholder advocacy that promotes sustainability during the previous 3 years. :

The Iowa General Assembly requires that state funds and funds administered by the state be negatively screened in relation to the human rights violations occurring in Darfur. State funds should not be invested in companies affiliated with the government of Sudan. (Iowa Code, Section 12F)

The website URL where information about the negative screen, divestment effort, and/or direct engagement with companies in which the institution holds investments is available:

<http://coolice.legis.iowa.gov/cool-ice/default.asp?category=billinfo&service=iowacode&ga=83&input=12F>

Positive Sustainability Investments

Responsible Party

Michael Wahlin
Asst Vp/Controller
ISU Foundation

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:

The total value of the investment pool was also provided as of 12/31/12 to match the date of the holdings value provided.

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

Total value of the investment pool:

652,000,000 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:

40,000,000 US/Canadian \$

Value of holdings in sustainability investment funds, such as a renewable energy investment fund:

0 US/Canadian \$

Value of holdings in community development financial institutions (CDFIs):

0 US/Canadian \$

Value of holdings in socially responsible mutual funds with positive screens:

0 US/Canadian \$

A brief description of the companies, funds, and/or institutions referenced above:

Iowa State University's investment holdings were compared with the Dow Jones World Sustainability Index. As of 12/31/12, an independent consultant identified that the university holds 305 stocks from this index, totaling approximately \$40 million. This index is used to identify businesses with exemplary sustainability performance.

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

Student-Managed Sustainable Investment Fund

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

Sustainable Investment Policy

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

Investment Disclosure

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

"---" 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:

Iowa State University's Public Information Policy indicates that its investment policies are available for public inspection (upon request). ISU will also provide a detailed listing of its investment holdings (to the extent that it has available) upon request.

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

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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.

Submission Note:

Shared Sustainability Director with City:

<http://archive.inside.iastate.edu/pdf/10/070110.pdf>

Stash the Trash:

<http://www.event.iastate.edu/event/24955>

Earth Week 2010:

<http://www.livegreen.iastate.edu/docs/earthweekevents.pdf>

College Creek Cleanup:

<http://www.inside.iastate.edu/article/2012/06/28/creek>

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

Does the institution participate in community sustainability partnerships that meet the criteria for this credit?:

Yes

A brief description of the institution's sustainability partnerships with the local community:

Iowa State University has several community partnerships, including a shared Director of Sustainability position with the City of Ames. This includes collaboration between university and City staff, including partial funding from the City for the position.

In addition, ISU Stash the Trash is an annual event bringing together ISU students, faculty and staff, along with the people of Ames, to work together with area volunteer organizations on a variety of community-wide beautification projects. Local residents and ISU students work together to remove litter and other debris from neighborhoods, roadways, and parks.

Another annual event is Earth Week, which includes events both on campus and within the Ames community. All are welcome to participate, and past events include community volunteer projects, lectures from community members on campus, as well as a recycled outdoor equipment sale by a local business.

Finally, ISU hosts an annual cleanup of a local stream. Both student and community volunteers are encouraged to participate, and area businesses support the event with refreshments and door prizes for volunteers.

The website URL where information about sustainability partnerships is available:

<http://www.cityofames.org/index.aspx?page=891>

Inter-Campus Collaboration on Sustainability

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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:

Iowa State University publishes an annual Sustainability Progress Report, which is publicly available online (

<http://www.livegreen.iastate.edu/about/accomplishments/>

). In addition, Iowa State University participated in a presentation focused on what the university was doing to support sustainability at the Natural Living Expo (

<http://www.naturallivingexpo.org/features/features-2/>

). ISU has also participated in a number of company conferences, including panel discussions on institutional approaches to sustainability, allowing the university to share ideas for engaging students between colleges and universities and the business community. In addition, Iowa State University has participated in several conferences, including presenting on recycling at the 2011 AASHE conference. Finally, ISU has publicly shared its successes using Big Belly Solar trash compactors on the company's website (

<http://bigbellysolar.com/wp-content/uploads/2012/10/Case-Study-ISU-May2011.pdf>

) as well as through a glass diversion case study with the National Wildlife Federation

(
<http://www.nwf.org/~media/51963000E3CB4F1280D5B36CEA5EAC05.ashx>

)

Iowa State University is also part of the Iowa Board of Regents, and participates in Sustainability Director quarterly meetings as well as other collaboration between Regents institutions. Additionally, ISU attends annual Big 12 and Friends meetings as well as Big 10 and Friends meetings, along with Sustainability Directors' Roundtable Discussions with directors from the entire state. Finally, Iowa State University participates in the Midlands Higher Education Sustainability Forum, which is a quarterly meeting to share and discuss resources, contacts, ideas and experiences, solutions, and challenges.

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

Iowa Board of Regents Sustainability Initiative (University of Northern Iowa, Iowa State University, and the University of Iowa)

APPA

Midwest APPA

NACUBO

Midlands Higher Education Sustainability Forum

Association for the Advancement of Sustainability in Higher Education

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

Iowa State University shares sustainability resources and contacts whenever possible to spread knowledge and successes from on-campus initiatives and to gain from new perspectives.

Furthermore, Iowa State University collaborates with iRENEW, the Iowa Renewable Energy Association, to assist their initiatives through memberships on the advisory board. Each year, a different Iowa Board of Regents institution assists the association in organizing the expo, and the three Regents institutions are able to further collaborate through membership on the iRENEW Board of Directors (

<http://irenew.org/about/board-of-directors/>

).

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

<http://www.aashe.org/resources/conference/improving-recycling-existing-83-diversion-rate-solving-iowa-state-universitys>

Sustainability in Continuing Education

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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.

Submission Note:

Master Gardener Certificate Program:

<http://mastergardener.hort.iastate.edu/>

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

Does the institution offer continuing education courses that are focused on or related to sustainability?:

Yes

Number of sustainability continuing education courses offered :

123

Total number of continuing education courses offered:

123

Does the institution have a sustainability-related certificate program through its continuing education or extension department?:

Yes

A brief description of the certificate program:

The Iowa Master Gardener program is for anyone with an interest in gardening and who likes to volunteer in the community. All levels are welcome to join.

The program provides selected volunteers training on many aspects of gardening. In exchange for training, Master Gardeners share their time and knowledge in approved projects within their local communities. Training consists of 40 hours of Web-based broadcasts and face-to-face instruction at extension offices and on the Iowa State University campus. After training, participants must complete a one-year Master Gardener internship consisting of 40 hours of approved volunteer service projects. Additional volunteer hours and ongoing educational updates are required in subsequent years to maintain active Master Gardener status.

Year the certificate program was created:

1,979

The website URL where information about sustainability in continuing education courses is available :

<https://www.extension.iastate.edu/programcatalog/FullCatalog.aspx>

Community Service Participation

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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.

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

The number of students engaged in community service:

10,170

Total number of students, which may exclude part-time, continuing education and/or non-credit students:

26,356

The website URL where information about the institution's community service initiatives is available:

http://www.sac.iastate.edu/en/service_programs/

Community Service Hours

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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.

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

The number of student community service hours contributed during a one-year period:

105,193.70

Total number of students, which may exclude part-time, continuing education and/or non-credit students:

26,356

The website URL where information about the institution's community service initiatives is available:

http://www.sac.iastate.edu/en/service_programs/

Sustainability Policy Advocacy

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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.

Submission Note:

Iowa Power Fund:

http://www.energy.iowa.gov/Power_Fund/PF_Board.html

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

Has the institution advocated for federal, state, and/or local public policies that support campus sustainability or that otherwise advance sustainability?:

Yes

A brief description of how the institution engages in public policy advocacy for sustainability, including the issues, bills, and ordinances for or against which the institution has advocated:

The Leopold Center for Sustainable Agriculture, in collaboration with Iowa State University, advocates for potential local, state, or regional policies related to the enhanced sustainability of natural resources. In doing so, the Leopold Center also provides basic research or benchmark data analysis needed to help assess or implement possible new local or state policies and alternatives for Iowa. The center targets state agencies, conservation and natural resources partners, county boards of supervisors, cities/municipalities, the Iowa General Assembly, and the Iowa legal community. The center has the following outcomes:

Development and implementation of state and local policies that could increase the capacity of Iowa agriculture to meet water quality standards and water resource management goals. Ideas could include but are not limited to policies carried out by soil and water conservation districts, cities, counties, and municipalities, as well as state agencies and organizations with missions related to Iowa's water resources.

Analysis of state and local agricultural policies and their impacts on economic, social, community and ecosystem health.

Assessment of short- and/or long-term effects of ongoing changes in land tenure and ownership of agricultural lands in Iowa; effects on production, land management decisions, ecosystem health and community economic and social structure.

Identification of ways to reduce barriers to farming entry for new, transitioning, underserved and minority farmers, along with incentives to adopt sustainable practices in their new operations.

In addition, Iowa State University was a strong advocate for the creation of the Iowa Power Fund. The Power Fund was created to be a tool for the State of Iowa, The Office of Energy Independence and the Power Fund Board to promote the goals of Iowa energy independence. Power Fund money is appropriated to the Office to provide financial assistance to entities conducting business, research, or programs in Iowa. Once created, Iowa State University was an advocate of continued funding for the program, and the university President sat on the Board of Directors.

The website URL where information about the institution's advocacy efforts are available:

<http://www.leopold.iastate.edu/policy>

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.

Graduation Pledge

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

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 Applicable** for the following reason:

Institution is located in an area that is served by an existing 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

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

- 1) Innovation credits are reserved for new, extraordinary, unique, groundbreaking, or uncommon outcomes, policies, and practices that greatly exceed the highest criterion of an existing STARS credit or are not covered by an existing STARS credit.
 - 2) In general, innovation credits should have roughly similar impacts or be on the same scale as Tier One credits.
 - 3) The innovative practice, policy, program, or outcome should have occurred within the past three years.
 - 4) The innovative practice or program has to be something that the institution has already done; planned activities do not count.
 - 5) An institution can only claim a particular activity as an innovation credit once. When re-submitting for a STARS rating, an innovation credit that the institution submitted previously cannot be re-submitted.
 - 6) Practices, policies, and programs that were once considered innovative but are now widely adopted (e.g. being the first institution to enact a policy 20 years ago that is now common) may not be claimed as innovation credits.
 - 7) Multiple activities or practices whose sum is innovative can be considered for an innovation credit as long as those activities or practices are related. For example, three innovative waste reduction programs in research laboratories could be listed together under a single innovation credit for Greening Laboratories. Listing a series of unrelated accomplishments or events under a single innovation credit is not accepted.
 - 8) While the practices that led to receiving an award may be appropriate for an innovation credit, winning awards and/or high sustainability rankings in other assessments is not, in and of itself, grounds for an innovation credit.
 - 9) Outcomes, policies, and practices that are innovative for the institution's region or school type are eligible for innovation credits.
 - 10) When the innovation is part of a partnership, the summary provided must clearly describe the institution's role in the innovation.
-

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

A brief description of the innovative policy, practice, program, or outcome :

Looking for an opportunity for getting students involved, two Iowa State University students created the SHOP (Students Helping Our Peers) student food bank in 2011. Their mission is to help other ISU students in need of food assistance. Located on campus, the SHOP is open three days a week for three hours a day when ISU student volunteers distribute food donated mainly from other students and staff on campus. The service is available to all students who receive food without record, allowing customers to maintain anonymity. The main goal is to help students who can't afford meals and can't commute to the local food bank. The SHOP has received national attention, and had an article published on it in Inside Higher Ed:

[Campus Sustainability Data Collector](#) | [AASHE](#)

http://www.insidehighered.com/news/2011/02/03/students_start_college_campus_food_pantries_and_banks

A letter of affirmation from an individual with relevant expertise:

[UWSC ltr.pdf](#)

The website URL where information about the innovation is available :

<http://sodb.stuorg.iastate.edu/view.php?id=1742>

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

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-

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

A brief description of the innovative policy, practice, program, or outcome:

Closets Collide, which is a student group that organizes annual community clothing swaps and promotes sustainable fashion and clothing retail not only on campus, but also in the Ames community. In addition, the group organizes events with first-year students majoring in Apparel, Merchandising, and Design through the Common Threads learning community. Closets Collide also partners with Ames businesses and other student organizations, and membership is open to all majors and areas of interest. Information on the clothing swap can be found at:

<http://www.livegreen.iastate.edu/newsletters/docs/livegreen-newsletter-2011-05.pdf>

A letter of affirmation from an individual with relevant expertise:

[Closets Collide Letter.pdf](#)

The website URL where information about the innovation is available:

<http://sodb.stuorg.iastate.edu/view.php?id=1648>

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

- 1) Innovation credits are reserved for new, extraordinary, unique, groundbreaking, or uncommon outcomes, policies, and practices that greatly exceed the highest criterion of an existing STARS credit or are not covered by an existing STARS credit.
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 - 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 Iowa State University Government of the Student Body (GSB) has established a permanent cabinet position, the Director of Sustainability, who is tasked with managing issues of sustainability and informing GSB of sustainability opportunities. In addition, this position works closely with student organizations, the Iowa State University Director of Sustainability, and university administrators on campus-wide sustainability initiatives and issues. Finally, the Director of Sustainability represents GSB on applicable university sustainability committees.

The Government of the Student Body also has a standing sustainability committee called Students for Sustainability (SFS). Comprised of student senators interested in the topic, the committee meets regularly to discuss sustainability issues. Also, through regular interactions with student and student organization constituents, SFS members are able to gather sustainability-related information and concerns directly from those being represented.

A letter of affirmation from an individual with relevant expertise:

[GSB Director of Sustainability Support Letter.pdf](#)

The website URL where information about the innovation is available:

<http://www.gsb.iastate.edu/wordpress/wp-content/uploads/CurrentBylaws.doc>

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

- 1) Innovation credits are reserved for new, extraordinary, unique, groundbreaking, or uncommon outcomes, policies, and practices that greatly exceed the highest criterion of an existing STARS credit or are not covered by an existing STARS credit.
 - 2) In general, innovation credits should have roughly similar impacts or be on the same scale as Tier One credits.
 - 3) The innovative practice, policy, program, or outcome should have occurred within the past three years.
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 - 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:

Iowa State University regularly displays banners for various events, seasons, or occasions on University Boulevard in Ames. The wind, sun, moisture and repeated use, however, take a toll on these vinyl banners and eventually they wear out. Since they could no longer be used for display and a viable recycling market was not available, university marketing found a re-use option and converted them into tote bags.

Vinyl and mesh banners were sent to a company to create 330 totes, which were then sold by the University Book Store and on the ISU Alumni Association's website.

In addition, the Iowa State University Marching Band recently purchased new uniforms. Instead of the old ones ending up in the dumpster (due to trademark restrictions not allowing them to be donated), the 500 old uniforms were used to create 1000 unique band-themed products (tote bags, laptop bags, and iPod cases) in 2012 that were sold by the Music Department.

In total, approximately 2,800 pounds of material was diverted from the waste stream through these efforts.

<http://archive.inside.iastate.edu/2011/0407/tote.php>

<http://www.livegreen.iastate.edu/sites/default/files/Nov2012.pdf>

A letter of affirmation from an individual with relevant expertise:

[Banner and Uniform Bags Letter.pdf](#)

The website URL where information about the innovation is available:

<http://archive.inside.iastate.edu/2011/0407/tote.php>

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

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

Institution provides details about how it incorporates sustainability into new student orientation.

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

Does new student orientation include presentations, speakers, or skits that address sustainability and take place in large venues that most or all first-year students attend?:

Yes

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

New student orientation at Iowa State University includes a resource fair. The Live Green! initiative sponsors one of the booths, and educates all students that stop by about sustainability programs and resources on campus. At the fair new students can also sign up for the Live Green! email list, which allows them to receive the monthly Live Green! newsletter, highlighting various sustainability-related news and events on campus.

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

Yes

Provide a brief description of the presentations:

In the Department of Residence (DOR) there is a house meeting during summer orientation where the recycling program is explained to all new residents. Community Advisors (CAs) lead each house, and after attending summer training on sustainability, they discuss sustainability with residents as well as describe the Recycling Chair and Sustainability Coordinator positions that residents can apply for. A staff member in the Department of Residence and a leader in the GreenHouse Group, which is the DOR's liaison student group promoting sustainability in university residences, provide the training.

Does new student orientation actively engage students in activities that raise awareness about sustainability, highlight how sustainability plays out on campus, or allows students to take part in a productive green activity?:

Yes

Provide a brief description of the activities:

New students are taken on campus tours, which highlight the Live Green! sustainability initiative on campus as well as several sustainable features. In addition, Destination Iowa State, an orientation event right before the start of fall classes, includes a volunteering event for all new students. Projects are often related to the environment, such as mulching on campus.

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

Yes

Provide a brief description of the efforts:

Iowa State University's orientation aims to limit the number of printed materials. In addition, new student meals at ISU's dining centers incorporate trayless dining and composting.

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

Provide a brief description:

Food Education

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

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:

Iowa State University offers a class called "Societal Impacts on Food Systems" through the Food Science and Human Nutrition department (FS HN 242). This course focuses on describing food systems from farming practices to global marketing. It also includes an exploration of the impacts of food system choices on personal health, the environment and global society.

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

Yes

Provide a brief description:

Iowa State University Dining Services (ISU Dining) provides information in university dining centers about how to make eco-positive food choices. This includes information about local foods, the trayless dining program, and pre- and post-consumer composting. In addition, information is available about reusable to-go containers.

ISU Dining also posts nutritional information in the dining centers as well as online through its NetNutrition program. This is a tool, which allows meals to be planned and includes filters for vegetarians and vegans.

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

Yes

Provide a brief description:

At orientation the dining centers post similar information on making eco-positive food choices. This includes information about local foods, the trayless dining program, and pre- and post- consumer composting. In addition, information is available about reusable to-go containers.

ISU Dining also posts nutritional information in the dining centers as well as online through its NetNutrition program. This is a tool, which allows meals to be planned and includes filters for vegetarians and vegans.

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

Yes

Provide a brief description:

Iowa State University organizes an annual Symposium on Sustainability. This has either been a two-day formal symposium or a one-day event called Sustainapalooza. Open to all students, faculty, and staff, the event includes speakers, workshops, and poster sessions, with many of the topics dealing with making eco-positive food choices. This year's event included "Green it Yourself" Centers, which offered attendees opportunities to learn and practice sustainable living skills from campus and community experts in urban gardening and decoding food labels.

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 ISU Student Organic Farm (SOF) has been on campus since 1996, and students have since managed all aspects of the six-acre farm, including planning, sales, writing grants, managing money, stocking supplies, building structures, and growing crops. Products have been sold at the Ames Farmer's Market, donated to shelters and food banks in Ames, and have been sold to ISU Dining through their Farm to ISU program. Part of SOF's business model encourages new students to share their skills and time with the farm and, although they have a wide variety of crops, SOF is always willing to try growing new crops, while maintaining production goals and organic farming methods.

Food and Beverage Purchases

Responsible Party

Jamie Lenz

Assistant Director
Campus Dining Services

Criteria

Institution provides details of its food and beverage purchases.

Submission Note:

ISU has an on-campus farm called Student Organic Farm (SOF), which was initially supported by ISU Dining. However, due to the numerous community partners that now purchase food from SOF, the farm can no longer produce enough food to sell to ISU Dining as well.

"---" 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:

20

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

3.50

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

CBORD

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

Previously, ISU Dining purchased some vegetables on an availability basis from Iowa State's on-campus organic garden, including peppers and tomatoes. However, quantities were small in comparison to the number of meals ISU Dining served.

The percentage of total food and beverage expenditures spent by dining services to procure items from on-campus organic garden(s):

0

List all Fair Trade certified items purchased:

Coffee, chocolate

Confinement-Free Food Purchases

Responsible Party

Nancy Levandowski
Director
Campus Dining Services

Criteria

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

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

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

N/A

Percentage purchased:

0

Comments:

Students have not identified this as important.

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

Pork

Percentage purchased (1st product):

2

Comments (1st product):

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

Percentage purchased (2nd product):

Comments (2nd product):

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

Percentage purchased (3rd product):

Comments (3rd product):

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

Percentage purchased (4th product):

Comments (4th product):

Vegetarian-Fed Food Purchases

Criteria

Institution provides details of its vegetarian-fed animal product purchases.

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

Hormone-Free Food Purchases

Criteria

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

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

Seafood Purchases

Responsible Party

Mike Nostwich
Food Service Supervisor
Campus Dining Services

Criteria

Institution provides details of seafood products purchased that meet Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines.

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

Type of seafood product purchased that meets Marine Stewardship Council Blue Ecolabel standards and/or Monterey Bay Aquarium Seafood Watch guidelines (1st product):

Tilapia

Percentage purchased (1st product):

1

Standard used (1st product):

Monterey Bay Aquarium Seafood Watch

Comments (1st product):

ISU Dining does not specify that its purchased seafood be certified, but it is notified when purchases meet the guidelines.

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

Shrimp

Percentage purchased (2nd product):

2

Standard used (2nd product):

Monterey Bay Aquarium Seafood Watch

Comments (2nd product):

ISU Dining does not specify that its purchased seafood be certified, but it is notified when purchases meet the guidelines.

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

Cod

Percentage purchased (3rd product):

2

Standard used (3rd product):

Monterey Bay Aquarium Seafood Watch

Comments (3rd product):

ISU Dining does not specify that its purchased seafood be certified, but it is notified when purchases meet the guidelines.

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

Percentage purchased (4th product):

Standard used (4th product):

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

Nancy Levandowski
Director
Campus Dining Services

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?:

Yes

Does the institution offer polystyrene (Styrofoam) dishware at its dining services locations?:

No

Does the institution offer post-consumer recycled content dishware at its dining services locations?:

Yes

Does the institution offer biodegradable / compostable dishware at its dining services locations?:

Yes

Does the institution offer other types of dishware at its dining services locations?:

Yes

Provide a brief description.:

ISU Dining provides both edible ice cream cones as well as bread bowls.

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

Institution provides details about its energy initiatives.

Submission Note:

Due to different building uses and occupancies, Iowa State University does not track the energy, electricity, or thermal energy consumption reductions as a result of retrofits and renovations. Also, while the university does include energy as a piece of whole building improvement, renovations typically are done with a focus on LEED certification versus Energy Star labeling.

"---" 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:

5.20

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:

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

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:

NA

The combined gross square footage of all buildings that are ENERGY STAR labeled:

The names of all buildings that are ENERGY STAR labeled:

Energy Use by Type

Responsible Party

Jeffrey Witt
Director
Utility Services

Criteria

Institution reports its energy use by type.

Submission Note:

Includes data for 2011-2012.

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

The percentage of total electricity use from coal.:

76

The percentage of total electricity use from wind.:

8.50

The percentage of total electricity use from biomass.:

0

The percentage of total electricity use from natural gas.:

0

The percentage of total electricity use from solar PV.:

0

The percentage of total electricity use from geothermal.:

0

The percentage of total electricity use from nuclear.:

0

The percentage of total electricity use from hydro.:

0

The percentage of total electricity use from other.:

15.50

Provide a brief description.:

Electricity from coal includes ISU-generated power and power purchased from the City of Ames. Other sources of electricity include refuse-derived fuel also purchased from the City.

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

94.60

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.:

5.40

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

0

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

0

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

0

Provide a brief description.:

The Veterinary Medicine campus is heated by natural gas, while the rest of campus is heated using coal.

If cogeneration, please explain.:

Iowa State University uses cogeneration to provide heating and cooling to the main campus. Over 98% of the steam used to heat the main campus and over 77% of the steam used to produce chilled water is used to produce electricity first through cogeneration

Responsible Party

Arlo Meyer
Assistant Vice President
Business Services

Criteria

Institution provides details about its procurement efforts.

Submission Note:

Although Iowa State does not purchase FSC certified office paper, 99.3% of paper expenditures are on SFI (Sustainable Forestry Initiative) certified paper.

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

The percentage of institutionally purchased appliances that are ENERGY STAR rated (of eligible appliance categories):

81

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) :

0

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

Yes

Bike Sharing

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

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

Submission Note:

Although bike sharing is not currently available on Iowa State University's campus, the creation of a program is in progress.

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

The number of bicycles available through bike sharing programs:

0

Water Initiatives

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

Institution provides details about its water initiatives.

Submission Note:

Discussions are currently taking place with Iowa State University's administrative leadership related to considerations regarding restricting bottled water usage.

"---" 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 :

N/A

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

No

The percentage of urinals on campus that are waterless :

0

Endowment

Responsible Party

Michael Wahlin
Asst Vp/Controller
ISU Foundation

Criteria

Institution provides details about its endowment.

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

The institution's total endowment market value as of the close of the most recent fiscal year:

604,897,321 US/Canadian \$

Date as of:

June 30, 2012

Does the institution offer donors the option of directing gifts to an investment fund that considers environmental/sustainability factors?:

No

If yes, or if currently under consideration, provide a brief description:

Has the institution made investments in on-campus energy and/or water efficiency projects through the endowment (as an endowment investment and not a payout or using operating budget funds):

No

Size of capital commitments made within past 3 years:

Provide a brief description:

Does institution lack the ability to vote proxies on environmental and social resolutions, as the entire equity holdings of the endowment are invested in mutual funds (e.g. CommonFund, Fidelity, Vanguard)?:

Yes

Does the institution lack the ability to vote proxies on corporate governance resolutions, as the entire equity holdings of the endowment are invested in mutual funds (e.g. CommonFund, Fidelity, Vanguard)?:

Yes

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

Yes

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

Yes

Are investment managers provided with general guidelines that determine proxy votes on environmental and social resolutions?:

No

Are investment managers provided with general guidelines that determine proxy votes on corporate governance resolutions?:

No

Are investment managers provided with specific guidelines that determine proxy votes on environmental and social resolutions?:

No

Are investment managers provided with specific guidelines that determine proxy votes on corporate governance resolutions?:

No

Does a single administrator determine proxy votes on environmental and social resolutions?:

No

Does a single administrator determines proxy votes on corporate governance resolutions?:

No

Does a committee of administrators and/or trustees deliberate and make decisions on proxy votes on environmental and social resolutions?:

No

Does a committee of administrators and/or trustees deliberate and make decisions on proxy votes on corporate governance resolutions?:

No

Does a committee that includes student representatives deliberate and make recommendations or decisions on proxy

votes on environmental and social resolutions?:

No

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

No

Is institution community feedback incorporated into proxy voting decisions on environmental and social resolutions through town hall meetings or a website?:

No

Is institution community feedback incorporated into proxy voting decisions on corporate governance resolutions through town hall meetings or a website?:

No

Sustainability Staffing

Responsible Party

Merry Rankin

ISU Director of Sustainability
Facilities Planning & Management

Criteria

Institution reports the amount of weekly time worked by people employed in the sustainability office, if applicable (in full-time equivalent).

Submission Note:

The Iowa State sustainability office includes two half-time undergraduate interns, one half-time graduate assistant, a full-time director, and a 1/5-time secretary.

"---" 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) :

108

FTE staff on payroll:

1.20

FTE student intern/fellow:

1.50