



George Washington University

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

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

Education & Research

Co-Curricular Education

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

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

Student Sustainability Educators Program

Responsible Party

Shannon Ross

Stakeholder Engagement Coordinator
Office of Sustainability

Criteria

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

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

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

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

Submission Note:

Note: For the answer regarding interns, our number indicates that over 20 students have interned in the office since it opened in Fall, 2009.

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

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

21153

Program name (1st program) :

Eco-Rep Program

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

6346

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

The most active and ongoing engagement program the university sponsors is the Eco-Reps who help with events such as Earth Hour, Recyclemania, Eco-Challenge and Earth Month throughout the year, just to name a few. Eco-Reps are a part of Campaign GW, an [STARS Reporting Tool](#) | [AASHE](#) | [Sierra Magazine](#)

ongoing forum for students to directly share their ideas with the administration and participate in the decision-making process on future GW campus development issues, including sustainability. During RecycleMania, Eco-Reps hosted the annual waste sort where they spent an afternoon sorting through waste to highlight how our community can improve recycling and waste reduction efforts. . GW Eco-Reps, are the driving force behind Eco-Challenge hosting small and large events in their residence halls and across campus designed to educate their peers about water and electricity reduction. During Eco Challenge, Eco-Reps participated in several trainings where they learned how to do energy audits of buildings. Many of them shared what they learned with their residence halls. Eco-Reps, a part of CampaignGW, regularly table at events and host trainings to help inform their peers about the importance of sustainability and updates regarding the university's sustainable advances. They craft sustainable updates that are often included in the monthly CampaignGW newsletter, which is distributed to a listserve of more than 10,000 members of the GW community (primarily current students).

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

Student peer educators volunteer to serve as Eco-Reps.

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

Eco-Reps receive many types of training throughout the year. Through monthly meetings students learn about sustainability initiatives on campus, share best practices with each other, and discuss outreach events. This past year, as part of a new collaborative effort in Washington DC, GW Eco-Reps joined students from other area schools to receive training through the Alliance to Save Energy and learned how to conduct energy audits and improve their peer-to-peer education skills.

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

The Eco-Rep program is coordinated by two full-time staff members who help to recruit students, facilitate their activities and provide education and training. Financial support is provided for use in outreach events and trainings.

The website URL for 1st Program :

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/getinvolved>

Program name (2nd program) :

Sustainability Internship Program

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

20

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

Internships are also a great way for students to gain exposure to sustainability on campus and to build their resume experience in the field. The Office of Sustainability has had interns working in the office since it opened in 2009 bringing in almost 20 students who have worked in a variety of capacities:

- Undergraduate interns have played key roles in event planning and research of sustainability issues and best practice;
- Graduate interns have assisted with student engagement activities, such as Eco-Rep coordination and managing our faculty/staff engagement efforts - the Green Office Program;

- Summer interns have researched the feasibility of a green campus fund, benchmarked sustainable procurement policies, and created a sustainable water use video to enhance student engagement on the issue;
- Interns have contributed significantly to the research, content, and development of GW's Climate Action Plan, GWater Plan, and Ecosystems Enhancement Plan – the three components of GW's strategic plan for sustainability practice;
- The student garden manager position helps manage and coordinate the work in the two on-campus gardens.
- Facilities service interns in conjunction with Eco-reps take leadership roles in coordinating Green Move-Out providing assistance.
- Facilities service interns assist with meter-reading and recycling efforts throughout the year.

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

Students apply to serve as interns with a formal cover letter and resume responding to explicit and extensive job descriptions. They are then interviewed by staff and selected in a competitive process.

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

Students receive training on the job during their internships. Internships generally begin with an overview of GW's sustainability initiatives and programs helping to provide students with the context for their work. They are involved in staff meetings to learn the context of working within a complex organization, and they are provided ample opportunity to interview administrators and faculty, peer institutions, and organizations with expertise in the area of their internship. Interns are also trained in project management and reporting as they interface with their supervisors (e.g. weekly reports, project timelines, project scope, draft deliverables, etc.).

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

Student interns are paid for their work, and full-time staff manage them throughout the year.

The website URL for 2nd program :

Program name (3rd program) :

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

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

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

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

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

The website URL for 3rd program :

Program name (All other programs) :

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

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

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

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

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

The website URL for all other programs :

Student Sustainability Outreach Campaign

Responsible Party

Shannon Ross

Stakeholder Engagement Coordinator
Office of Sustainability

Criteria

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

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

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

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

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

The following impacts are not sufficient for this credit:

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

Submission Note:

<http://gwtoday.gwu.edu/aroundcampus/mitchellhallwingswsecchallenge>

"---" 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) :

GW Eco-Challenge

A brief description of the campaign(s) :

Now going into its sixth year, the GW Eco-Challenge is an electricity and water conservation challenge between Residence Halls. The contest serves as a successful educational resource for students through peer-to-peer engagement. GW Eco-Reps, are the driving force behind Eco-Challenge hosting small and large events in their residence halls and across campus designed to educate their peers about water and electricity reduction. Previous Eco-Challenge events have included: dorm storming, informational pizza parties, tabling, vampire device demonstrations, and lights out events. This past year, GW participated in the Campus Conservation Challenge organized by the Alliance to Save Energy (ASE). In this competition, GW competed against Howard University and American University for the month of November. GW came in second in this contest and during the program, GW Eco-Reps participated in trainings hosted by ASE on energy audits and peer-to-peer engagement.

GW's Eco-Challenge benefit not only helps lower the carbon and water footprint of the university but the lessons learned through the program help to instill an ethic of conservation in students.

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

Since the first contest in 2008, GW students have helped to conserve 1,551,967 kwh of electricity and 5,055,102 gallons of water.

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

<http://living.gwu.edu/greenliving/ecochallenge>

Sustainability in New Student Orientation

Responsible Party

Shannon Ross

Stakeholder Engagement Coordinator
Office of Sustainability

Criteria

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

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

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

"---" 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 :

GW's orientation program, Colonial Inauguration (CI), takes place in June. Incoming Freshman register to attend one of four, two-and-a-half day sessions on campus. They then return to campus in the fall for the start of school.

Sustainability is featured at CI in several ways. During the opening videos shown to all students, a welcome from the Office of Sustainability showcases all of the ways students can get involved once they arrive on campus. This video message highlights GW's commitment to sustainability and makes a direct appeal to students to get involved. The Office of Sustainability also partners with orientation organizers to ensure that meals and activities are conducted with sustainability in mind. The Office also includes information on the beds of all the students about recycling, water and electricity while they are on campus.

At the activities fair, student engagement interns from the Office of Sustainability are on hand to provide information about programs available to incoming freshman. There are also tours of campus that highlight many of the campus' green features. The new pan-university, interdisciplinary, sustainability minor for undergraduates is also previewed during the majors fair that all students attend.

During Welcome Week (the week prior to the start of classes) similar engagement activities are conducted. During Welcome Week students are encouraged to sign-up to serve as Eco-Reps and learn about the fall Eco-Challenge competition. There are also opportunities to register for green-themed student groups, volunteer in the garden and take green campus tours.

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

<http://ci.gwu.edu/LifeatGW/sustainability/>

Sustainability Outreach and Publications

Responsible Party

Shannon Ross

Stakeholder Engagement Coordinator
Office of Sustainability

Criteria

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

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

Submission Note:

At the time of writing, GW's central web platform is undergoing a transition to a new platform. As such, the Office of Sustainability's website is undergoing transition. Please check back in mid-summer for a refreshed and more comprehensive version of the website.

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

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

Yes

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

The GW Office of Sustainability maintains a central website with all of the information about the university's sustainability efforts.

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

<http://www.sustainability.gwu.edu/>

Does the institution have a sustainability newsletter? :

Yes

A brief description of the sustainability newsletter :

During the school year, the Office of Sustainability sends out a bi-weekly "Eco-Beat" newsletter that features campus updates, profiles students, faculty and staff dedicated to sustainability and highlights upcoming events and internships. The Eco-Beat's distribution list is roughly 2500 people, and consists of members of the GW community and external partners.

The website URL for the sustainability newsletter :

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/newsevents>

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

No

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

As GW's work in sustainability academics expands the Office of Sustainability aims to publish a newsletter featuring student research.

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

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

Yes

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

For new LEED buildings on campus, GW incorporates signage and tours in the buildings to help educate the community about the relevant green features.

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

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/newsevents/greenbuilding>

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 :

Information is provided in the central dining facility (J Street) about the local sourcing of products. In addition, information about GW's partnership with the primary food vendor, Sodexo, can be found on the sustainability website.

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

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/projects/sustainablefood>

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 :

GW's campus features a ground-breaking green space known as the Square 80 Plaza. Previously a parking lot, this 3/4 acre green space in the midst of GW's densely built downtown Washington DC campus provides an green respite and uses water reclamation technology to capture and reuse stormwater on the site. Sustainable grounds-keeping strategies employed on this site include rain barrels, sunken tree beds, permeable pavers, rain gardens and a network of cisterns. The site features powerful and visually striking signage that helps communicate the university's sustainability vision and the techniques employed on the site.

As GW implements its Ecosystem strategy, one of the areas for expansion will be additional signage about other sustainable landscaping techniques employed. It is important to note that due to GW's unique location in the middle of downtown Washington, DC, at times additional signage placement is difficult due to zoning and public-space constraints and regulations.

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 :

The Office of Sustainability has a green tour that it offers to interested parties. Due to the rapidly changing nature of the GW campuses, there is no formal write-up of this tour, but students are trained in the script by Office of Sustainability staff. Additionally, the tour guides on campus incorporate sustainability into their year-round tours for prospective students.

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 :

The guide for commuters features many of the alternative methods of transportation available to the GW community including metro, bus routes, ZipCar, bike share, carpools and shuttles services.

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

http://www.gwu.edu/~parking/other/GeneralTPS_2012.pdf

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

No

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

GW features guidelines for green living and incorporating sustainability into the residential experience on its sustainability website. Student Eco-Reps conduct peer to peer education in the residence halls helping to disseminate information to students. Training is also conducted with hall proctors (the equivalent of Resident Assistants) on campus to help them understand sustainable living and pass the information along to their students.

Sustainability is featured in new student orientation in several ways. As one example, the Office of Sustainability includes information on the beds of all the students about recycling, water and electricity while they are on campus.

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

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 :

The GW Hatchet regularly covers sustainability news on campus in its biweekly publications. In the past year the Office of Sustainability met with the sustainability beat reporter once every three weeks to discuss upcoming stories and news. This resulted in close to 20 stories and blog posts in the student newspaper just over the last academic year.

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.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/newsevents>

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

:

Yes

A brief description of this material :

GW publishes annual fact sheets that provide a comprehensive overview of activities and initiatives on campus pertaining to sustainability.

The website URL for this material :

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/resources>

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

Yes

A brief description of this material :

This year, GW released its first sustainability report. This prospectus provides an overview of the university's sustainability progress to date, and updates on projects. The report features inserts highlighting GW's schools and their sustainability academic offerings.

The website URL for this material :

http://issuu.com/sustainablegw/docs/sust_brochure_final

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

Yes

A brief description of this material :

The university's internal news magazine, GWToday, profiles sustainability progress frequently. A sampling of past stories can be found in the link below.

The website URL for this material :

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/newsevents>

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

Yes

A brief description of this material :

STARS Reporting Tool | AASHE | Sierra Magazine

Planet Forward is where experts and engaged citizens come together to find solutions to our shared challenges, specifically in the areas of energy, climate and sustainability. Planet Forward creates a dynamic public square, curating the best ideas and innovations from scientists, business leaders, advocates, students and government leaders. Based at the Center for Innovative Media at the George Washington University, Planet Forward engages with students and faculty from our University as well as others across the country and the world. Planet Forward collaborates with a diverse group of organizations in order to bring the public the best ideas in the world.

GW highlighted its commitment to sustainability by hosting GW Moving the Planet Forward: Turning Innovation into Action – a stirring series of events that address the many dimensions of the threats and opportunities confronting a changing planet. The event featured world-renowned scholars and researchers, thought leaders, policymakers, and industry frontrunners to discuss green jobs, business and innovation, sustainable cities and the intersection of science and communication.

The website URL for this material :

<http://www.planetforward.org/>

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

A brief description of this material :

The website URL for this material :

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

A brief description of this material :

The website URL for this material :

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

A brief description of this material :

The website URL for this material :

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

A brief description of this material :

The website URL for this material :

Responsible Party

Shannon Ross

Stakeholder Engagement Coordinator
Office of Sustainability

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

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

Yes

The name and a brief description of each student group :

- Green GW - The mission is to unite the student body, administration, and faculty alike to create a more environmentally friendly and green campus while simultaneously increasing awareness of environmental issues. In addition to various events on an off campus to raise awareness of sustainability issues, each year Green GW runs a Light Bulb Trade-In where they hand out free compact fluorescents in exchange for incandescents. This event helps reduce GW's footprint and the footprint of its staff. See

<http://www.gwu.edu/~greengw/>

- Net Impact - Net Impact's mission is to improve the world by growing and strengthening a network of new leaders who are using the power of business to make a positive net social, environmental, and economic impact.

<http://studentorgs.gwu.edu/netimpact/>

- Environmental Law Association - ELA is a student-run organization that works to bring together law students interested in environmental protection and to provide educational, career, and networking opportunities in the practice of environmental law. See

<http://docs.law.gwu.edu/stdg/ela/>

- Campaign GW - Campaign GW is an ongoing forum for students to directly share their ideas with the administration and participate in the decision-making process on future GW campus development issues, including sustainability.

- Food Justice Alliance – The Food Justice Alliance is a GW student organization founded the spring semester of 2009 to restore the environment, promote community, build relationships, and pursue justice through food. The FJA launched the first on-campus community garden in fall, 2009.

- GW Energy Club – The GW Energy Group strives to enhance the networking and educational opportunities for students and the GW community interested in the investment, development and regulation of the energy and sustainable development industries. With a focus on the Renewable Energy, Cleantech and Green Building markets, the group will meet regularly to develop skills, share experiences, [STARS Reporting Tool](#) | [AASHE](#) | [Sierra Magazine](#)

contacts, and coordinate speakers/events. The ultimate goal of the group is to maximize GWSB's standing as a leading knowledge center and talent pool in energy and sustainable development. See

<http://gwmbaa.com/mba-student-orgs/energy-club/>

- GW Year of Service – In 2010, First Lady Michelle Obama issued a challenge to the GW community to complete at least 100,000 hours of community service. GW students volunteered 163,980 hours. The projects addressed the environmental, social, and economic aspects of sustainability. Again in 2010, students are reaching for a similar goal, and this tradition will carry on to the future.
- Roots and Shoots - A service program of the Jane Goodall Institute kicked off in 2010. The program is focused on outdoors and ecosystems. GW students and faculty in the Anthropology Department are developing a recycling/art/nature program at GW with educational materials and art workshops . They aim to adapt this program to target primary school children.

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

- The Environmental Law Association participated in the ABA's Million Trees Campaign and planted trees on GW's campus in spring 2012

- GreenGW hosted a "Trashion Show" during Earth Week to raise awareness about material waste and recycling. This fashion show featured designs made out of trash and recycled materials.

- The Food Justice Alliance planted two gardens on campus and has received numerous accolades for their efforts. They were the recipients of a 2011 Nature's Path Contest and won \$20,000 towards garden enhancement and expansion.

- GW Net Impact and the GW Energy Club host an annual symposium called the Business Response to Climate Change. The event brings together policymakers, business leaders and academics to discuss solutions to a changing planet.

In addition, this year GW hosted the Clinton Global Initiative University and numerous students' commitments were featured during the conference. Teams offered solutions to increasing recycling at DC events, education programs to reduce bottled water usage, a plan to build biomass facilities in Africa, and an innovative bamboo bicycle for the developing world. Additionally, through the Knapp Fellowship for Entrepreneurial Service-Learning student projects receive funding to develop their social-impact ideas. Past winners include students proposing a food co-op for Foggy Bottom, and a plan to increase recycling at DC events.

List other student groups that address sustainability :

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

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/getinvolved/studentgroupandsustainability>

Responsible Party

Shannon Ross

Stakeholder Engagement Coordinator
Office of Sustainability

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

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

Yes

A brief description of the garden :

In fall 2009 GW opened its first on-campus garden: The GroW Community Garden. It is a project of the student group, The Food Justice Alliance implemented in partnership with the GW Office of Sustainability. The group was founded in spring 2009 to "restore the environment, promote community, build relationships, and pursue justice through food. The design plans for the garden were generated in GW's Edible Landscapes class in the Landscape Design Program in the GW College of Professional Studies. The design features a variety of aesthetically pleasing plants including edible, organic, and native plants. The students are working with Mount Vernon Estate to grow plants that Martha and George Washington and would have had in their gardens. The garden was the recipient of a Fulbright Grant for Eco-Leadership with funds used to enhance and expand the garden. In addition, through our partnership with the DC non-profit Casey Trees, native trees will be planted in the space replacing a non-native, invasive species that had previously grown there. The garden is organic and the student gardeners consistently seek out local vendors who can provide them with pesticide-free soil, mulch and compost.

This past fall, the garden received a \$20,000 contest award from Nature's Path to fund expansion and enhancement in the space. This will be used on the Foggy Bottom Garden as well as on the Mount Vernon garden.

The Office of Sustainability funds a garden manager student intern position to help maintain the space.

The website URL where information about the garden is available :

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/projects/sustainablefood>

Model Room in a Residence Hall

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

Themed Housing

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

Sustainable Enterprise

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

Sustainability Events

Responsible Party

Shannon Ross

Stakeholder Engagement Coordinator
Office of Sustainability

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

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

Yes

A brief description of the event(s) :

Yes. GW hosts many events throughout the year related to sustainability. GW's location in Washington DC gives the university ample access to key decision makers and policymakers, and GW views itself as a key convener on sustainability issues in the district. In the past year GW has hosted events such as:

- The Business Response to Climate Change: GW business school students hosted the second annual conference aimed at bringing together business leaders, policymakers and academics to discuss solutions for changing climate.
- DC Environmental Film Festival: Films on campus screened included one on Biophilic Design as well as a screening of clips and a panel discussion on environmental impacts on public health.
- GW Moving the Planet Forward: Turning Innovation into Action: This innovation summit brought together thought leaders from industry, government and academia to discuss solutions to the challenges of a changing planet. The half-day conference featured "Innovation Challenges" offered by participants to demonstrate their commitment to moving the planet forward.
- Clinton Global Initiative University (CGIU): GW hosted CGIU this year which brought together hundreds of students from around the world to present their ideas for creating a healthier planet. There were over a dozen ideas presented from GW students on issues of sustainability ranging from a program designed to reduce bottled water consumption, a waste-reduction initiative for the DC area and initiatives designed to reduce waste pollution in Kenya.
- Earth Day Activities: Each year, GW hosts a series of student-facing events designed around a theme. The 2012 theme was "Get to Know your Ecosystem", and featured events throughout the month helping students to understand their impact and dependence on our surrounding ecosystem. In April GW hosted filmmaker Scott Drucker and his colleagues discussing illegal sea turtle egg harvesting in Costa Rica. At the annual Earth Day Fair students participated in a tap-water taste test, and learned about worm composting. They also met with partners from the Foggy Bottom Farmer's Market, Casey Trees, Zipcar and learned about energy efficiency by playing with tools such as wat-o-meters.

This is just a sample of the events from the spring 2012 cycle. GW's commitment to holding outreach events and convening thought leaders on sustainability.

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

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/newsevents>

Outdoors Program

Responsible Party

Shannon Ross

Stakeholder Engagement Coordinator

Office of Sustainability

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

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

Yes

A brief description of the program :

The Mission of GW TRAiLS is to provide the greater GW community with diverse outdoor experiences that promote leadership, self discovery, respect for the environment, and community service. Through these principles and actions, TRAiLS strives to foster an active outdoor community at GW that benefits our lives, our city, and our world.

TRAiLS strives to be environmentally-friendly and leave as little impact as possible on trips using the Leave No Trace philosophy. This is done through considering the environment in waste disposal, campfire impact, leaving what is found, and respecting wildlife.

The website URL where information about the program is available :

<http://gwired.gwu.edu/sac/StudentInvolvement/gwtrails>

Themed Semester or Year

Responsible Party

Shannon Ross

Stakeholder Engagement Coordinator
Office of Sustainability

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

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

Yes

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

GW has two sustainability first-year experience activities in the past three years. In 2009, all incoming Freshman read Thomas Friedman's book, *Hot, Flat and Crowded*. As part of this program, students read the book and wrote response papers about the topics. The winning essays got the opportunity to attend a dinner and speech with Friedman on the GW campus. During the fall semester professors integrated themes of the book including sustainability and globalization into classrooms.

Additionally, GW hosts an annual Freshman Day of Service in September. In 2009 the theme of the day was focused on sustainability. Students participated in environmentally-themed projects in all eight wards of Washington, DC. In ensuing years, sustainability sites are also integrated into the service days, even if the 'theme' of the overall service shifts.

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

Hot Flat and Crowded

The website URL where information about the theme is available :

Curriculum

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

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

Sustainability Course Identification

Responsible Party

Lisa Benton-Short

Director of the Sustainability Academic Program
Department of Geography

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.

Submission Note:

At this time, GW's Green Leaf Course Criteria does not distinguish between sustainability-focused and sustainability-related courses.

Please contact Shannon Ross at
shannonross@gwu.edu
for any questions on this credit.

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

Yes

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

The most commonly used definition of sustainability is “meeting the needs of the present without compromising the ability of future generations to meet their own needs.” Established by Brundtland Commission in 1987 in the seminal report, “Our Common Future: The Report of the World Commission on Environment and Development,” this conceptualization of sustainability serves as the foundation for GW’s vision.

At GW we envision a future with resource systems that are healthy and thriving for all. GW defines sustainability as a balance of social equity, economic prosperity and ecological integrity across the globe and across generations.

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 :

To support its sustainability vision, GW added a Green Leaf designation to courses that focus on or incorporate issues of sustainability in their syllabi. The following methodology was used to designate courses as “green leaf.”

Courses that might address issues around social, economic, and/or environmental sustainability were identified. The faculty members teaching these courses were contacted and asked to assess if they thought their courses met at least three of the following criteria:

- 1.Content related to sustainable development: creating healthy and thriving resource systems for all
- 2.Content related to environmental issues
- 3.Content related to social issues that can be applied to sustainable development such as human welfare, social equity issues or social / organizational / behavioral change
- 4.Content related to economic issues that can be applied to sustainable development
- 5.Discourse focused on the interconnection of world resources and the human condition from a long-term perspective
- 6.Content related to policy and communications issues that can be applied to sustainable development

If the course is found to meet the criteria and the faculty member gives his/her consent, it is designated as a "Green Leaf Course."

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

Yes

The website URL where the sustainability course inventory is posted :

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/academicprograms>

Sustainability-Focused Courses

Responsible Party

Ridhima Kapur
Research Assistant
Office of Sustainability

Criteria

Institution offers sustainability-focused academic courses.

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

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
for any questions on this credit.

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

The number of sustainability-focused courses offered :

24

The total number of courses offered :

6876

Number of years covered by the data :

One

A list of sustainability-focused courses offered :

AMST 0801: Sustainable Food
BISC 2459: Ecology, Economy, and Sustainability
Business Responsibility and Sustainability
CE 1020: Introduction to Sustainable World
CE 2510: Environmental Sustainability
CE 3730: Sustainable Urban Planning Dynamics
DNSC 6290: Sustainable Supply Chains
ECON 2195: Topics in the Economics of Sustainability and the Environment
GEOG 3143: Urban Sustainability
GEOG 6244: Seminar: Urban Sustainability
[STARS Reporting Tool](#) | [AASHE](#) | [Sierra Magazine](#)

IAFF 3183: Challenges of Globalization for Sustainable Development
IAFF 6138: Climate Change and Sustainable Development
INTD 3150: Sustainability/LEED in Architecture & Design
Law 6435: Trade and Sustainable Development
PPPA 0701: Sustainability and Environmental Policy
PubH 6004: Environmental and Occupational Health in a Sustainable World
PubH 6130: Sustainable Energy and Environment
SUST 1001: Introduction to Sustainability
SUST 3095: Sustainability Solutions
SUST 3096: Directed Research in Sustainability
SUST 3097: Independent Sustainability Research
SUST 3098: Sustainability Internship/Community Service
Sustainability Management & Policy
WLP 2100: Sustainability in the Amazon Region

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

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/academicprograms>

A copy of the sustainability course inventory :

[5.30 MASTER Greenleaf Course List.xlsx](#)

Sustainability-Related Courses

Responsible Party

Ridhima Kapur
Research Assistant
Office of Sustainability

Criteria

Institution offers sustainability-related academic courses.

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

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
for any questions on this credit.

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

The number of sustainability-related courses offered :

218

The total number of courses offered :

6876

Number of years covered by the data :

One

A list of sustainability-related courses offered :

ANTH 3803W: Old World Prehistory: First Farmers to First Cities
ARTH 6235: Art Therapy: International Social & Cultural Diversity
BISC 1005: Biology of Nutrition and Health
BISC 1006: The Ecology and Evolution of Organisms
BISC 1112: Introductory Biology: the Biology of Organisms
BISC 2305: Plant Biology
BISC 2450: Organic Evolution
BISC 3325: Environmental Physiology
BISC 3460: Conservation Biology
BISC 3461: Plant-Animal Interactions
[STARS Reporting Tool](#) | [AASHE](#) | [Sierra Magazine](#)

CE 1010: Introduction to Civil and Environmental Engineering
CE 3520: Environmental Engineering Me: Water Resources & Water Quality
CE 3521: Environmental Engineering Laboratory
CE 4410: Introduction to Geotechnical Engineering
CE 4411: Geotechnical Engineering Laboratory
CE 4530: Environmental Engineering II: Water Supply and Pollution Control
CE 6342: Structural Design Resistance for Natural Hazards
CE 6401: Fundamentals of Soil Behavior
CE 6403: Geotechnical Engineering
CE 6501: Environmental Chemistry
CE 6502: Advanced Sanitary Engineering Design
CE 6503: Principles of Environmental Engineering
CE 6504: Water and Wastewater Treatment Processes
CE 6505: Environmental Impact Assessment
CE 6505: Environmental Impact Assessment
CE 6507: Advanced Treatment Processes
CE 6508: Industrial Waste Treatment
CE 6509: Introduction to Hazardous Wastes
CE 6605: Groundwater and Seepage
CE 6607: Water Resources Planning and Control
CE 6608: Hydraulic Modeling
CE 6610: Pollution Transport Systems
CE 6800: Environmental Nanotechnology
CE 6801: Civil and Environmental Engineering Graduate Internship
CHEM 2085: Environmental Chemistry
CHEM/ GEOL 3140: Geochemistry
Corporate Governance & Ethics
CS 4532: Information Policy
DNSC 6290: Supply Chain Operations
DNSC 6290: Supply Chain Strategy
ECE 6045: Ethics and Public Values
ECE 6045: Power System Reliability
ECE 6270: Land Use Planning & Community Development
ECE 6270: Remote Sensing
ECE 6661: Electrical Power Generation
ECON 2136: Natural Resources and Environmental Economics
ECON 6237: Economics of the Environment and Natural Resources
EMSE 6200: Policy Factors in Environmental and Energy Management
EMSE 6220: Environmental Management
EMSE 6225: Air Quality Management
EMSE 6230: Hazardous Waste Management and Cleanup
EMSE 6235: Water Quality Management
EMSE 6240: Environmental Hazard Management
EMSE 6245: Analytical Tools for Environmental Management
EMSE 6260: Energy Management
EMSE 6285: Analytical Tools for Energy Management
EMSE 6320: International Disaster Management
EMSE 6325: Medical and Public Health Emergency Management

EMSE 6350: Hazard Mitigation in Disaster Management
EMSE 6410: Survey of Finance and Engineering Economics
EMSE 6420: Economic Analysis in Engineering Planning
EMSE 6430: Finance for Engineers
EMSE 6450: Quantitative Methods in Cost Engineering
EMSE 6992: Environmental Security
EMSE 6992: Mathematical Modeling of Environmental Systems
ENRP 6101: Environmental Science I
ENRP 6102: Environmental Science II
ENRP 6140: Environmental Impact Statement Procedures and Environmental Law
ENRP 6145: Environmental Justice & Policy
ENRP 6145: Environmental Justice & Policy
ENRP 6295: Research Topics in Environmental Resource Policy
ENRP 6298: Capstone Seminar for Environmental Resource Policy
ENRP 6298: Seminar in Environmental Resource Policy
Environment and Development
Environmental Policy
EXSC 1114: Community Nutrition
EXSC 2119: Basic Nutrition
GEOG 1003: Society and Environment
GEOG 2108: Weather and Climate
GEOG 2110: Climate and Human Ecology
GEOG 2127: Population Geography
GEOG 2133: People, Land and Food
GEOG 2134: Energy Resources
GEOG 2136: Water Resources
GEOG 2137: Environmental Hazards
GEOG 2140: Cities and Society
GEOG 2141: Cities in the Developing World
GEOG 3132: Environmental Quality and Management
GEOG 3810: Building Cities: An Intro to Urban Planning
GEOG 6208: Land Use and Urban Transportation Planning
GEOG 6220: Seminar: Climate Change
GEOG 6222: Seminar: Resources and the Environment
GEOG 6223: Seminar: Population and Health
GEOG 6230: Seminar: Environmental Issues in Development
GEOG 6243: Seminar: Urban Geography
GEOG 6293: Special Topics on Geography
Geographical Perspectives on Development
GEOL 1001: Physical Geology
GEOL 1005: Environmental Geology
GEOL 2159: Geobotanical Ecology of Central Appalachians
GEOL 3131: Global Climate Change
GEOL 3138: Hydrogeology
GEOL 3191: Geology of Energy Resources
GEOL 3193: Intro to Environmental Law
Geopolitics of Energy
HIST/AMST 3324: U.S. Urban History

HLWL 1101: Science of Integrated Medicine
HLWL 1108: Weight and Society
HLWL 1110: Issues in Alternative Medicine
HLWL 1112: Issues in Women's Health
HLWL 1114: Personal Health and Wellness
HLWL 1116: Lifestyle Nutrition
HLWL 1117: Functional Fitness
HONR 1034: Our Place in Nature
HONR 1034: Scientific Reasoning & Discovery
HSCI 2103: Health Policy/Health Care Systems
HSCI 2105: Ethics for Health Professionals
HSCI 2108: Quality Improvement/Health Care
HSCI 4103: Health Care Law/Regulation
IAFF 3190: International Environmental Policy
IAFF 6138: Financing Climate Change Policy
IAFF 6138: Rural Development, Human Rights, and Biodiversity
IAFF 6151: Environmental Policy
IAFF 6158: Energy Policy
IAFF 6158: Int'l Issues in Energy
IAFF 6186: Energy & National Security
IAFF 6186: Energy Security
IAFF 6503: Conflict/Corrupt: Resource Curse or Analyzing Conflict: Environmental Case Studies
IBUS 4900: International Perspectives on Green Business
IBUS 4900: Special Topics: Intl Perspex on Green Business
Law 6430: Environmental Law
Law 6432: Air Pollution Control
Law 6434: Water Pollution Control
Law 6437: Coastal, Navigational, Wet Lands Resources
Law 6438: Energy Law and Regulation
Law 6439: Energy and the Environment
Law 6440: Natural Resources Law
Law 6442: Control of Hazardous Wastes
Law 6449: Environmental and Torts
Law 6450: Federal Facilities Environmental Law
Law 6452: Environmental Issues in Business Transactions
Law 6454: International Environmental Law
Law 6455: International Law of Climate Change
Law 6465: Environmental Crimes Project
Law 6466: Environmental Law Seminar
Law 6467: Environmental Legislation Project
Law 6468: Graduate Environmental Placement
Law 6469: Environmental Lawyering
Law 6546: International Law of Human Rights
Law 6547: Regional Protection of Human Rights
Law 6550: Law of the Sea
Law 6567: Human Rights Advocacy
Law 6568: Human Rights Lawyering
Law 6570: International Human Rights of Women

MAE 6261: Air Pollution
MAE 6291: Energy Conservation & Efficiency Engineering
MAE 6291: Ethical/Legal/Social Issues in Biomedical Engineering
MAE 6291: Wind Energy
PAD 6049: Urban and Regional Policy Analysis
PAD 6066: Environmental Policy
PHIL 2132: Social and Political Philosophy
PHIL 2133: Philosophy and Non-Violence
PHIL 2135: Ethics and Business in the Professions
PHIL 6230: Ethical Issues in Policy Arguments
PHIL 6231: Economic Justice
PHIL 6262: Normative Issues - Foreign Policy
PHIL 6281: Environmental Philosophy and Policy
PHYS 1003: Physics for Future Presidents
PPOL 6067: Environment, Energy, Technology & Society
Project Cost and Quality Management
PSC 2220: Public Opinion
PSC 2224: Environmental Law and Policy
PSC 2229: Media and Politics
PSC 2367: Human Rights
PSC 6442: Politics and Practice of International Institutions
PUBH 3132: Health and the Environment
PUBH 3133: Global Health and Development
PUBH 3136: Health Law
PubH 6099: Basic of Economics
PubH 6121: Environmental and Occupational Epidemiology
PubH 6122: Protecting Public Health and the Environmental: Policies, Politics and Programs
PubH 6123: Toxicology: Applications for Public Health Policy
PubH 6126: Assessment and Control of Environmental Hazards
PubH 6128: Global Environmental and Occupational Health
PubH 6129: Information Sources in Environmental and Occupational Health
PubH 6131: Applied Data Analysis in Environmental and Occupational Health
PubH 6335: Public Health and Law
PubH 6340: Health Economics and Finance
PubH 6362: Civil Rights Issues/Health Care
PubH 6401: Comparative Regional Determinants
PubH 6433: Global Health Regulation, Trade and Human Rights
PubH 6440: Global Health Economics and Finance
PubH 6482: International Food and Nutrition
PubH 6550: Maternal & Child Health I
PubH 6551: Maternal & Child Health II
PubH 6552: Women's Health
PubH 6553: Adolescent Health
PubH 6554: Children & Youth/Special Needs
PubH 6555: Reproductive Health: US & Global Perspective
PubH 6557: Child Development & Public Health
PubH 6558: Women, Gender and Health
PubH 6561: Maternal & Child Health Policy Analysis

Seminar: Urban Climate
SMPA 3195: Multimedia Reporting to Inform
SMPP 6210: Strategic Environmental Management
SMPP 6211: Corp Envy Mg in Dev. Countries
SMPP 6241: Global Corporate Social Responsibility (Global CSR)
SMPP 6290: Corporate Environmental Management and Policy
SMPP 6290: Environmental Policy
SMPP 6290: Startup Environment & Energy Entrepreneurship
SMPP 6290: Strategy for Energy Efficiency & Renewable Energy Management
SOC 2105: Social Problems in American Society
SOC 2169: Urban Sociology
SOC 6248: Race and Urban Redevelopment
SOC 6250: Urban Sociology
SOC 6265: Women, Welfare and Poverty
SOC 6268: Race, Gender and Class
WSTU 6240: Women and Public Policy

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

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/academicprograms>

A copy of the sustainability course inventory :

[5.30 MASTER Greenleaf Course List.xlsx](#)

Sustainability Courses by Department

Responsible Party

Ridhima Kapur
Research Assistant
Office of Sustainability

Criteria

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

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
for any questions on this credit.

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

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

36

The total number of departments that offer courses :

121

A list of departments that offer sustainability courses :

1. American Studies
2. Anthropology
3. Art Therapy
4. Biological Sciences
5. Civil Engineering
6. Chemistry
7. Computer Science
8. Decision Sciences
9. Electrical and Computer Engineering
10. Economics
11. Engineering Management and Systems Engineering
12. Environmental and Resource Policy
13. Exercise Science
14. Geography
15. Geology
16. History

17. Health and Wellness
18. Honors
19. Health Sciences
20. International Affairs
21. International Business
22. Interior Design
23. Law
24. Mechanical and Aerospace Engineering
25. Public Administration
26. Philosophy
27. Physics
28. Public Policy
29. Public Policy and Public Administration
30. Political Science
31. Public Health
32. School of Media and Public Affairs
33. Strategic Management and Public Policy
34. Sociology
35. Women and Leadership Program
36. Women's Studies

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

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/academicprograms>

A copy of the sustainability course inventory :

Sustainability Learning Outcomes

Responsible Party

Lisa Benton-Short

Director of the Sustainability Academic Program
Department of Geography

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:

The 9500 number is just GW undergraduates, as the Sustainability Minor is only applicable to that population.

Please contact Shannon Ross at
shannonross@gwu.edu
for any questions on this credit.

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

The number of graduates covered by the sustainability learning outcomes :

20

Total number of graduates :

9500

A list of degree programs that have sustainability learning outcomes :

Undergraduate Minor in Sustainability

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

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/academicprograms>

A copy of the sustainability course inventory :

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

All graduating students completing the requirements for a minor in sustainability will be able to:

- 1) Apply the concepts of sustainability to issues of human welfare and social equity, the environment, and the economy
- 2) Adapt and apply knowledge, theories, and methods learned to analyze sustainability issues and/or practices
- 3) Connect and extend basic sustainability concept(s) to a critical problem facing society, using student's involvement in the issue as the basis for analyzing the challenges and developing and solutions to the problem

Undergraduate Program in Sustainability

Responsible Party

Ridhima Kapur
Research Assistant
Office of Sustainability

Criteria

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

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

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

Submission Note:

In addition, GW offers a number of sustainability-related academic offerings:

1. B.A. in Economics
2. B.A. in Geography
3. B.A. in Geology
4. B.S. in Chemistry
5. B.F.A. in Interior Design
6. B.S. in Civil Engineering with concentrations in environmental engineering, transportation engineering and sustainability

For the full list, please visit

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/academicprograms/sustainabilityprogramsandmajors>

Please contact Shannon Ross at

shannonross@gwu.edu

for any questions on this credit.

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

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

Yes

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

Bachelor of Arts in Environmental Studies

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

<http://departments.columbian.gwu.edu/geography/undergraduate/environmentalstudies>

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

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

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

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

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

Graduate Program in Sustainability

Responsible Party

Ridhima Kapur
Research Assistant
Office of Sustainability

Criteria

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

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

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

Submission Note:

In addition to this, GW offers the following sustainability-related, graduate level degrees programs:

1. M.S. in Chemistry
2. M.S. in Economics
3. M.A. in Geography
4. M.A. in Hominid Paleobiology
5. M.F.A. in Interior Design
6. M.A. in Environmental and Resource Policy
7. Ph.D. in Economics
8. Ph.D. in Geography
9. Ph.D. in Hominid Paleobiology
10. Ph.D. in Chemistry
11. Ph.D. in Systematics and Evolution
12. Certificate Program in Responsible Management
13. M.T.A with a concentration in Sustainable Tourism Destination Management
14. M.B.A. with a concentration in Environmental Policy and Management
15. M.B.A. with a concentration in Sustainability and Corporate Responsibility
16. Ph.D. in Business Administration with concentrations in Strategic Management and Public Policy, OR Tourism and Hospitality Management
17. Certificate in Urban Sustainability
18. Certificate in Sustainable Landscapes
19. M.P.H. with a concentration in Environmental and Occupational Health
20. M.P.H. with a concentration in Environmental Health Science and Policy
21. Dr. P.H. with a concentration in Environmental and Occupational Health
22. Graduate Certificate in Energy Engineering and Management

- 23. Graduate Certificate in Environmental Engineering
- 24. Graduate Certificate in Geo-environmental Engineering
- 25. M.S. in Engineering Management with a concentration in Environmental and Energy Management
- 26. Dr.S. in Engineering Management with a concentration in Environmental and Energy Management

A full list of sustainability-related academic programs can be found at
<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/academicprograms/sustainabilityprogramsandmajors>

Please contact Shannon Ross at
shannonross@gwu.edu
for any questions on 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) :

Masters of Professional Studies in Sustainable Urban Planning

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

<http://nearyou.gwu.edu/sustainable/index1.html>

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

Masters of Arts in International Development Studies

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

<http://elliott.gwu.edu/academics/grad/ids/index.cfm>

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

Masters of Arts in Environmental Resource Policy

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

<http://programs.columbian.gwu.edu/enrp/>

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

The George Washington University also offers the following sustainability-focused, graduate-level degrees:

- 1) L.L.M. in Environmental Law
- 2) L.L.M in Energy and Environmental Law
- 3) L.L.M in International Environmental Law

(

<http://www.law.gwu.edu/Admissions/LLM/Pages/programs.aspx>

)

4) M.S. in Civil and Environmental Engineering

5) Ph.D. in Civil and Environmental Engineering

(

<http://www.cee.seas.gwu.edu/graduate/prospective/programsdegrees.html>

)

Sustainability Immersive Experience

Responsible Party

Shannon Ross

Stakeholder Engagement Coordinator
Office of Sustainability

Criteria

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

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

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

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

Submission Note:

While this program is not being offered in 2012, the university will continue to explore other opportunities to offer students sustainability-focused immersive experiences in the coming years.

"---" 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 :

In 2011, GW's Housing Programs offered students a sustainability-focused immersive experience called the Green Earth Year. It was an interdisciplinary cohort for students interested in the environment, sustainability, and living a "Green" experience. Students learned what it means to be green in one of GW's LEED certified residence hall (West Hall) and examined the technical, business, and social aspects of sustainable living.

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

<http://www.gwu.edu/explore/campuslife/livingoncampus/housing/specialinteresthousing>

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.

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

Has the institution conducted a sustainability literacy assessment? :

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

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

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

A brief description of how the assessment was developed :

A brief description of how the assessment was administered :

A brief summary of results from the assessment :

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

Incentives for Developing Sustainability Courses

Responsible Party

Lisa Benton-Short

Director of the Sustainability Academic Program
Department of Geography

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:

Please contact Shannon Ross at
shannonross@gwu.edu
for any questions on this credit.

"---" 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) :

The GW Institute for Sustainability offers up to 3-4 Support Grants for Developing or Revising Courses to Meet the GreenLeaf Designation. These grants are available to fund faculty as they undertake syllabus revision to undergraduate courses or design new courses that meet "green leaf" designation.

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

Funding of \$2,500 for individual faculty; additional funds are available for faculty teams. Funds can be used for activities such as paying individual faculty members to design or revise their syllabi; hosting workshops for teams of faculty teaching sections of a course where they can collaborate on assignments and assessment; consulting with experts in the discipline who have designed innovative assignments and assessment techniques for introductory courses; and other helpful activities.

The website URL where information about the program is available :

Research

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

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

Sustainability Research Identification

Responsible Party

Lisa Benton-Short

Director of the Sustainability Academic Program
Department of Geography

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:

Please contact Shannon Ross at
shannonross@gwu.edu
for any questions on this credit.

"---" 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 :

In 2010, a multidisciplinary faculty committee drawn from seven GW schools provided a strategic plan to launch a sustainability research initiative.

The faculty committee defined sustainability research as research that addresses the impact of environmental change on society and the technological, political, and economic responses to these challenges. Ultimately sustainability research attempts to answer the question of how best to manage human interactions with the environment in a way that prevents or minimizes environmental degradation over both the short and long term. Trends in sustainability research and funding will require interdisciplinary teams of co-equals from science, engineering, social sciences, the humanities and the professions.

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 Office of the Vice-President for Research at the George Washington University compiles an annual list of research projects and total university expenditure on research at the university.

Staff from the Office of Sustainability reviewed the list for FY2011 and identified sustainability research projects, using the guidelines established by the faculty committee.

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

No

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

Faculty Engaged in Sustainability Research

Responsible Party

Ridhima Kapur
Research Assistant
Office of Sustainability

Criteria

Institution's faculty members conduct research on sustainability topics.

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

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
for any questions on this credit.

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

The number of faculty members engaged in sustainability research :

30

The total number of faculty members engaged in research :

476

Names and department affiliations of faculty engaged in sustainability research :

1. KENNETH ZWEIBEL - INSTITUTE FOR ANALYSIS OF SOLAR ENERGY
2. BERNARD A. WOOD - ANTHROPOLOGY
3. STEPHEN C. LUBKEMANN - ANTHROPOLOGY
4. CHRISTOPHER L. CAHILL - CHEMISTRY
5. HUI HENRY TENG - CHEMISTRY
6. AKOS VERTES - CHEMISTRY
7. NIKOLAY SHIKLOMANOV - GEOGRAPHY
8. RYAN N. ENGSTROM - GEOGRAPHY
9. MELISSA KEELEY - GEOGRAPHY
10. LEE ANN FUJII - POLITICAL SCIENCE
11. LINDA YARR - ELLIOTT SCHOOL OF INTERNATIONAL AFFAIRS OFFICE OF THE DEAN
12. DINAH L. SHELTON - LAW SCHOOL ADMINISTRATION
13. MICHAEL P. RYAN - LAW SCHOOL

14. HAROLD L. WOLMAN - GW INSTITUTE FOR PUBLIC POLICY
15. KRISTIN MARIE LAMOUREUX - INTERNATIONAL INSTITUTE OF TOURISM
16. STEPHEN M. HSU - MECHANICAL AND AEROSPACE ENGINEERING
17. ROGER H LANG - ELECTRICAL AND COMPUTER ENGINEERING
18. GREGORY LEONARD SHAW - ENGINEERING MANAGEMENT AND SYSTEMS ENGINEERING
19. CING-DAO KAN - CIVIL & ENVIRONMENTAL ENGINEERING
20. RUMANA RIFFAT - CIVIL & ENVIRONMENTAL ENGINEERING
21. JEFFREY S. AKMAN - OFFICE OF THE VICE PRESIDENT FOR HEALTH AFFAIRS
22. DONALD RICHARD MAUERY - DEPARTMENT OF HEALTH POLICY
23. SABRINA MCCORMICK - CENTER FOR RISK SCIENCE & PUBLIC HEALTH
24. WENDY ADELE PRUDHOMME O'MEARA - DEPARTMENT OF GLOBAL HEALTH
25. SANGEETA MOOKHERJI - DEPARTMENT OF GLOBAL HEALTH
26. PREA GULATI - DEPARTMENT OF GLOBAL HEALTH
27. SARAH JANE BAIRD - DEPARTMENT OF GLOBAL HEALTH
28. ELIZABETH ANNE PETERSON - DEPARTMENT OF GLOBAL HEALTH
29. TILLY A. GURMAN - DEPARTMENT OF GLOBAL HEALTH
30. JAMES MICHAEL SHERRY - DEPARTMENT OF GLOBAL HEALTH

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 :

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

1. Melissa Keeley

Assistant Professor, Geography and Public Policy and Public Administration, Columbian College of Arts and Sciences

Dr. Keeley's research focus is on urban sustainability, particularly related to green infrastructure, stormwater management and green building. Together with the DC Office of Planning and the DC Department of the Environment she is identifying how the city can manage stormwater utilizing green infrastructure. Additionally, Keeley explores developments in municipal green building policy, and evaluates trends in how buildings accrue credits to achieve LEED Green building certification.

2. Sarah Baird

Assistant Professor, Global Health, School of Public Health and Health Services

Dr. Baird's research interests are largely contained within the intersection of health, poverty and education at a micro level. Dr. Baird's is currently conducting randomized impact evaluations on health and education in Malawi, Tanzania and Kenya. The first is the Schooling, Income and Health Risk (SIHR) study in Malawi looking at the impact of cash transfers on schooling and HIV (as well as a host of other outcomes) among a cohort of never-married young women aged 13-22 (as of Fall 2007). The study, which is ongoing, is funded by the Global Development Network, the Bill & Melinda Gates Foundation, the National Bureau of Economic Research Africa Project, World Bank's Research Support Budget and several World Bank trust funds.

3. Melissa Perry

Professor and Chair of the Department of Environmental and Occupational Health, School of Public Health and Health Services

Dr. Perry investigates the human health impacts of environmental exposures and strategies to reduce risks. Her lab at GW is currently funded by the National Institute of Environmental Health Sciences to study the impact of environmental contaminants on male reproductive function, and is working with the U.S. Geological Survey and Potomac Riverkeeper to investigate endocrine disruptors in the Potomac River.

4. Stuart Licht,

Professor of Chemistry, Columbian College of Arts and Sciences

Dr. Stuart Licht has developed a revolutionary carbon dioxide-free method of producing iron that could provide a “green” solution to an industry that has used the same polluting process of iron smelting for more than three thousand years. Solar Thermal Electrochemical Photo (STEP) energy conversion, a renewable solar energy and a process of solar conversion patented by Licht, makes it possible to easily extract pure metal iron from the two prevalent iron ores, hematite and magnetite, without emitting carbon dioxide. As an expert in renewable energy, Licht offers a new way to use electrolysis to convert iron ore to iron metal. This high temperature process requires little energy, and can be powered through conventional or renewable energy sources to reduce or completely eliminate CO2 emissions. When powered by STEP, the electrolysis process is carbon dioxide-free, creating no global warming gas emissions when converting the ore to metal. By using both solar thermal energy and visible sunlight, the STEP process produces more solar energy than the best solar cells, as it uses excess solar heat (energy discarded by solar cells) to drive iron production.

The website URL where information about sustainability research is available :

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/researchandpolicyoutreach>

Departments Engaged in Sustainability Research

Responsible Party

Ridhima Kapur
Research Assistant
Office of Sustainability

Criteria

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

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

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
for any questions on this credit.

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

The total number of academic departments that conduct research :

106

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

18

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

1. INSTITUTE FOR ANALYSIS OF SOLAR ENERGY
2. ANTHROPOLOGY
3. CHEMISTRY
4. GEOGRAPHY
5. POLITICAL SCIENCE
6. ESIA OFFICE OF THE DEAN
7. LAW SCHOOL ADMINISTRATION
8. LAW SCHOOL
9. GW INSTITUTE FOR PUBLIC POLICY
10. INTERNATIONAL INSTITUTE OF TOURISM
11. MECHANICAL AND AEROSPACE ENGINEERING
12. ELECTRICAL AND COMPUTER ENGINEERING
13. ENGINEERING MANAGEMENT AND SYSTEMS ENGINEERING
14. CIVIL & ENVIRONMENTAL ENGINEERING

15. OFFICE OF THE VICE PRESIDENT FOR HEALTH AFFAIRS
16. DEPARTMENT OF HEALTH POLICY
17. CENTER FOR RISK SCIENCE & PUBLIC HEALTH
18. DEPARTMENT OF GLOBAL HEALTH

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 :

Sustainability Research Incentives

Responsible Party

Lisa Benton-Short

Director of the Sustainability Academic Program
Department of Geography

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.

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
for any questions on this credit.

"---" 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? :

No

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

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

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

No

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

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

Interdisciplinary Research in Tenure and Promotion

Responsible Party

Ridhima Kapur
Research Assistant
Office of Sustainability

Criteria

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

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
for any questions on this credit.

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

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

No

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

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

Operations

Buildings

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

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

Building Operations and Maintenance

Responsible Party

Nancy Giammatteo

Director, Office of Planning and Design Review
Division of Operations

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
-

Submission Note:

<http://www.gwu.edu/~itf/pages/ideaspreview/energy-efficiency-program.pdf>

The Building Energy Efficiency Program proposes a comprehensive capital improvement plan to strategically implement energy conservation projects in campus buildings. Implementation of this program will result in a reduction of energy consumption and greenhouse gas emissions, and will produce short-term and long-term financial savings. Through these projects, GW aims to reduce energy use from the buildings by 15%.

Please contact Shannon Ross at

shannonross@gwu.edu

for any questions on this credit.

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

Total building space that meets "Eligible Buildings Criteria" :

7411077 Square Feet

Building space that is maintained in accordance with sustainable building operations and maintenance guidelines or

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

Snapshot | Page 65

policies but is NOT certified under LEED for Existing Buildings: O&M :

7411077 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 :

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.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/theclimateactionplan>

An electronic copy of the guidelines or policies :

[Momentum March - Blue Cleaning FINAL.pdf](#)

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

April 22, 2010

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

All on-campus buildings are cleaned using green cleaning techniques and are transitioning to blue cleaning techniques. The university has been certified by a third-party organization for its green cleaning techniques used at the Mount Vernon and Foggy Bottom Campuses. In addition, GW is currently pursuing a campus-wide energy efficiency program for existing buildings. GW has also engaged a number of energy services companies to more closely monitor and manage the real-time energy use of our buildings and to employ demand response more effectively.

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

None at this time.

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

All on-campus buildings are cleaned using green or blue cleaning techniques.

Building Design and Construction

Responsible Party

Nancy Giammatteo

Director, Office of Planning and Design Review

Division of Operations

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:

Please contact Shannon Ross at
shannonross@gwu.edu
for any questions on this credit.

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

New building space that meets "Eligible Buildings Criteria" :

580113 Square Feet

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

0 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 :

580113 Square Feet

New building space that is LEED Platinum certified :

0 Square Feet

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

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/theclimateactionplan>

An electronic copy of the guidelines or policies :

[GW Design Standards 01012011.pdf](#)

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

9/22/2009

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

A university policy is to achieve at least LEED Silver status for all new construction and major renovations. This has been achieved since the policy was adopted by earning four LEED Gold certifications from USGBC in the past three years.

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 :

South Hall 2010

West Hall 2010

Lafayette Hall 2012

Smith Center 2012

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

While not in the three year time period, GW's Amsterdam Hall (formerly called New Hall) was built in accordance to green standards prior to the widespread of adoption of the LEED standard. This building came online in 1997.

Indoor Air Quality

Criteria

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

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

Climate

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

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

Greenhouse Gas Emissions Inventory

Responsible Party

Mark Ellis
Sustainability Project Facilitator
Office of Sustainability

Criteria

Part 1

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

Part 2

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

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
for any questions on this credit.

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

The website URL where the GHG emissions inventory is posted :

<http://rs.acupcc.org/ghg/2031/>

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

Yes

Does the inventory include emissions from air travel? :

Yes

Does the inventory include emissions from commuting? :

Yes

Does the inventory include embodied emissions from food purchases? :

No

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

Yes

Does the inventory include emissions from solid waste disposal? :

Yes

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

Yes

If yes, please specify :

Inventory includes estimated emissions associated with paper purchases.

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

Yes

If yes, please specify :

Inventory includes estimated emissions associated with wastewater use/treatment.

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

Mark Ellis

Sustainability Project Facilitator

Office of Sustainability

Criteria

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

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

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

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

Submission Note:

GW's GHG emissions were not collected for FY2005. For 2005 baseline data requested, GHG emissions data reported were extrapolated from FY2008 data, which covered the time period from July 1, 2007 - June 30, 2008. FY2008 was the first fiscal year during which GW conducted a comprehensive, institution-wide GHG inventory. FY2005 enrollment data are actual data from GW's Office of Institutional Research.

The guiding principle of GW's inventory is to include facilities that are owned or leased by the university that house activities and/or personnel that directly contribute to (e.g., classrooms, offices, research laboratories) and/or support (e.g., administrative offices, student medical clinic, and warehouse space) its academic mission. All facilities used for university purposes that are either owned and operated or rented from a third party are included. Buildings GW owns but rents to others were excluded as they do not house GW personnel or activities, and as such, GW does not control consumption patterns in these locations.

CA-CP Campus Carbon Calculator's default emissions coefficients were used for all categories except electricity. A custom electric source mix was used rather than the regional figure from the CACP Calculator.

Certain assumptions were used in assembling this inventory, including the following:

Metrics for emissions from leased building spaces included certain assumptions, as the university is limited in its ability to track emissions from spaces it does not own/manage. For this metric, emissions were calculated using the following energy estimates in kBtu/GSF: 45 for warehouses, 83 for classrooms, 93 for offices, and 105 for medical spaces. Energy consumption is allocated as 60% from electricity and 40% from natural gas. These figures were based on existing data from similar buildings and Department of Energy, Energy Information Administration, Commercial Buildings Energy Consumption Survey (CBECS) data.

Additionally, air travel mileage is not tracked at present, although information on dollars spent is available. Therefore, to develop a mileage figure, dollars spent were converted into miles flown (per AASHE's suggestion). The university's air travel mileage is based on

the separate dollars spent on international and domestic flights during FY2010, divided by the respective factors of dollars-per-air-mile-traveled for 2009 as tabulated by the Air Transport Association of America.

The commuting emissions data do not include student travel to/from campus at the beginning/end of each semester. In early 2010, GW performed a comprehensive transportation survey of each population (students, staff, and faculty), to improve upon the 2005 data used in our initial FY2008 GHG inventory. The data for the FY2010 inventory are based on this new survey and improves data accuracy.

Not accounted for above:

1. Onsite carbon offsets:

Casey Trees, a non-profit organization, performed GW's tree inventory. The inventory occurred in two parts, the first was in spring 2009 and covered only the Foggy Bottom Campus. The second occurred in late 2009 and covered the Mount Vernon Campus. Casey Trees surveyed both campus and street trees (city-owned) and gathered information about tree species, size, and location. This information was input into the Forest Service's Street Tree Management Tool for Urban Forest Managers (STRATUM) model and yielded 196 metric tons of carbon dioxide benefit, net of decomposition and maintenance losses.

STRATUM was developed by researchers at the United States Department of Agriculture Forest Service Center for Urban Forest Research. This model quantifies the structure, function, and value of a city's street trees. This run of the model was calibrated for trees in the Piedmont Climate Zone which includes Washington, DC and parts of the Mid-Atlantic and Southern states.

2. Renewable Energy Certificates (RECs)

Total RECs purchased: 3280000 kWh

Percent of total electricity consumption mitigated through the purchase of RECs: 2.5 %

Emissions reductions due to the purchase of RECs: 1,701.0 metric tons of CO₂e

All Green Power REC's in FY2010 (July 2009) were purchased from Clean Currents LLC. RECs were purchased to help achieve LEED Gold Certification for a new campus residence hall (South Hall).

Please contact Shannon Ross at shannonross@gwu.edu with any questions on this credit.

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

Scope 1 and 2 gross GHG emissions, 2005 :

98885 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 :

7295

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

12415

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

9975

Scope 1 and 2 gross GHG emissions, performance year :

95247 *Metric Tons of CO2 Equivalent*

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

0 *Metric Tons of CO2 Equivalent*

Carbon offsets purchased, performance year :

38 *Metric Tons of CO2 Equivalent*

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

July 1, 2009 - June 30, 2010 (FY2010)

On-campus residents, performance year :

7707

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

13497

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

10276

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

July 1, 2009 - June 30, 2010

Air Travel Emissions

Responsible Party

Mark Ellis

Sustainability Project Facilitator

Office of Sustainability

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

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

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

Yes

A brief description of the policies and/or programs :

The university relies on air travel to fulfill its mission as an institution committed to innovation, research and leadership. The university uses air travel for a variety of purposes including global research, outreach to alumni and donors, recruiting activities and athletic team events. Because of the importance of air travel to conducting university business, GW is unlikely to directly decrease emissions in this category in the short term. Instead, GW will focus first on gaining a better understanding of its air travel patterns by improving its data collection and analysis regarding air travel uses. Recently, through its online purchasing program (iBuy), GW staff and faculty are now able to purchase air travel through an integrated online interface that allows better tracking of dollars spent and miles traveled via air. As part of this service, American Express travel services will provide regular reporting on the GHG emissions associated with all travel purchased through this interface, segmented into different emission factors for short-, medium-, and long-haul travel. GW is currently investigating means to increase usage of this new program.

GW has identified potential policy changes and/or technology improvements (e.g., expansion of video conferencing capabilities) to potentially reduce air travel in the long term without impacting the university's ability to achieve its goals. The university will then negate remaining emissions from its air travel activities by purchasing credible local offsets.

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

<http://www.gwu.edu/staticfile/GW/News%20and%20Events/6.%20Initiatives/1.%20Sustainability/Resources/GW%20Climate%20Action%20Plan.pdf>

Local Offsets Program

Responsible Party

Mark Ellis
Sustainability Project Facilitator
Office of Sustainability

Submission Note:

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/theclimateactionplan>

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

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

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

Yes

A brief description of the program :

Casey Trees, a non-profit organization, performed GW's tree inventory. The inventory occurred in two parts, the first was in spring 2009 and covered only the Foggy Bottom Campus. The second occurred in late 2009 and covered the Mount Vernon Campus. Casey Trees surveyed both campus and street trees (city-owned) and gathered information about tree species, size, and location. This information was input into the Forest Service's Street Tree Management Tool for Urban Forest Managers (STRATUM) model and yielded 196 metric tons of carbon dioxide benefit, net of decomposition and maintenance losses.

STRATUM was developed by researchers at the United States Department of Agriculture Forest Service Center for Urban Forest Research. This model quantifies the structure, function, and value of a city's street trees. This run of the model was calibrated for trees in the Piedmont Climate Zone which includes Washington, DC and parts of the Mid-Atlantic and Southern states.

One of the tenets of GW's Climate Action Plan is to identify credible local offset programs to offset emissions the university cannot reduce (i.e. air travel for faculty to conferences). As GW works towards its carbon neutrality goals, the university will continue to seek projects to invest in to identify ways to reduce its carbon footprint through local measures.

The website URL where information about the program is available :

<http://rs.acupcc.org/ghg/2031/>

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

Nancy Haaga

Managing Director, Campus Support Services
Campus Support 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..

Submission Note:

GW's food program deserves an explanation. GW does not have a traditional dining program, rather, there are a few central eateries managed by Sodexo. These include J Street, GDub Java, Pelham Commons and Zebi. Other food choices available to students are through a network of vendors on and near the urban campus – such as Whole Foods – that accept funds through the student GWorld card. Answers in this survey are related to the Sodexo-run facilities only.

Please contact Shannon Ross at shannonross@gwu.edu with any questions on this credit.

"---" 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) :

12

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

The percentage mentioned above is for produce only, as this is the only information Sodexo tracks for local foods. By 2015, 100% of GW's seafood will be sourced locally by MSC and Global Aquaculture Alliance.

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

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

Trayless Dining

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

Responsible Party

Nancy Haaga

Managing Director, Campus Support Services
Campus Support Services

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

"---" 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 :

GW has numerous venues in which vegan options are offered on a daily basis. Pesto, Greenfield's, Aroma, Bamboo, and Metro Diner offer daily vegan options in the cafeteria.

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

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

Trans-Fats

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

Guidelines for Franchisees

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

Pre-Consumer Food Waste Composting

Responsible Party

Nancy Haaga

Managing Director, Campus Support Services
Campus Support Services

Submission Note:

Pelham Commons is a small dining venue on Mount Vernon that serves food in a retail-environment. There is no meal-plan at GW.

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

"---" 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 :

Sodexo is running a pilot composting program at Pelham Commons that composts pre-consumer food waste.

Sodexo's facility at J Street is currently in conversation with the campus garden in order to provide pre-consumer waste for the garden.

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

100

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

0

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

100

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

0

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

PostConsumer Food Waste Composting

Responsible Party

Nancy Haaga

Managing Director, Campus Support Services
Campus Support Services

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

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

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

No

A brief description of the postconsumer food waste composting program :

GW composts at designated events, usually in collaboration with the Office of Sustainability. At roughly ten events per year composting is available. These include large catered events and sporting concessions. The university is exploring expanding composting to its main eateries on campus.

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

2

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

0

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

5

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

5

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

Food Donation

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

Recycled Content Napkins

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

Reusable Container Discounts

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

Reusable To-Go Containers

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

Energy

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

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

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

Building Energy Consumption

Responsible Party

Andy Ludwig

Energy & Environmental Project Coordinator
Facilities 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:

<http://www.gwu.edu/~itf/pages/ideaspreview/energy-efficiency-program.pdf>

The Building Energy Efficiency Program proposes a comprehensive capital improvement plan to strategically implement energy conservation projects in campus buildings. Implementation of this program will result in a reduction of energy consumption and greenhouse gas emissions, and will produce short-term and long-term financial savings. Through these projects, GW aims to reduce energy use from the buildings by 15%.

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

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

Total building energy consumption, 2005 :

945910 MMBtu

Building space, 2005 :

6996136 *Gross Square Feet*

Total building energy consumption, performance year :

904667 *MMBtu*

Building space, performance year :

7606859 *Gross Square Feet*

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

7/1/2010 - 6/30/2011

Responsible Party

Doug Spengel

Manager, Energy and Environment Program
Operations

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:

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

"---" 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 :

0.27 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 :

12384.10 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 :

15152 MMBtu

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

0 MMBtu

Total energy consumed during the performance year :

904667 MMBtu

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

The university has several signs that are lighted at night using solar energy collected and stored during the day, that are not counted in the figures in this section. Construction is underway now of a photovoltaic panel array above a walkway, known as the Solar Walk, between two campus buildings.

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

The university installed its first solar hot water system in March 2011 on a residence hall at 2031 F St. This system produced some energy, as included in the figures in this section, before the end of fiscal year 2011. During the summer of 2011 the university installed two more solar hot water heating systems on residence halls at 1959 E St and Ivory Tower; production from those units will be include in the fiscal year 2012 figures.

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

The university purchased some RECs from local and/or nationwide wind energy farms.

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

RECs were purchased to assist with LEED certification for several new construction projects. A few RECs were also donated by an energy supplier.

A brief description of cogeneration technologies deployed :

None are in use at this time but plans are underway to build a unit on campus during the next three years.

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

<http://gwtoday.gwu.edu/aroundcampus/threesolarthermalsystems inplaceatgw>

Timers for Temperature Control

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

Lighting Sensors

Responsible Party

Doug Spengel

Manager, Energy and Environment Program
Operations

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

"---" 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 :

The most common type of occupancy sensor used to control lighting on campus is a dual-technology sensor that detects both motion or sound. These are usually mounted into ceilings of public spaces such as classrooms and conference rooms. In smaller rooms such as public bathrooms a sensor detects motion to bring lights on and then the lights go off again a pre-set amount of time later such as 15 minutes. Some daylight sensors are in use. Most outdoor lighting is controlled by timers or photocells.

The percentage of building space with lighting sensors :

20

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

<http://facilities.gwu.edu/merlin-cgi/p/downloadFile/d/26440/n/off/other/1/name/GWDesignStandard.pdf/>

Responsible Party

Doug Spengel

Manager, Energy and Environment Program
Operations

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

"---" 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 :

At the end of the performance year (June 2011) the university retrofitted the Media and Public Affairs building parking garage lighting with LEDs and occupancy sensors. This parking garage had previously used metal halide lights. This parking garage is the largest LED project on campus but there are others, particularly for outdoor lighting.

The percentage of building space with LED lighting :

5

The percentage of parking deck space with LED lighting :

4

The percentage of outdoor space that uses LED lighting :

15

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

92

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

<http://facilities.gwu.edu/merlin-cgi/p/downloadFile/d/26440/n/off/other/1/name/GWDesignStandard>

Vending Machine Sensors

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

Energy Management System

Responsible Party

Doug Spengel

Manager, Energy and Environment Program
Operations

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

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

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

Yes

A brief description of the management system :

The building management system (BMS) currently interconnects 40 buildings with either remote monitoring or control functionality. In terms of the absolute number of buildings with BMSs the coverage is small (~30%) but the buildings with BMSs are the largest buildings on campus so in terms of square footage (or energy usage) the BMS coverage is extensive. The BMS primarily monitors and controls space temperatures, humidity, and HVAC functions rather than lighting. Lighting is generally controlled with occupancy sensors, daylight sensors, or photocells.

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

63

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

Air-handler supply and return fans, chillers, primary and secondary chilled water pumps, reheat system pumps, and some parking garage exhaust fans.

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

<http://facilities.gwu.edu/merlin-cgi/p/downloadFile/d/26440/n/off/other/1/name/GWDesignStandard.pdf>

Responsible Party

Doug Spengel

Manager, Energy and Environment Program
Operations

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

"---" 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 :

Electric and natural gas coming into all university-owned buildings is metered. Most campus buildings are separately metered although a few adjoining buildings sometimes share a meter. The only buildings where electric and natural gas use is not tracked are those where the university is one of many tenants. Most meters are owned and maintained by local electric and natural gas distribution companies while a few submeters owned by the university are also used. In the few buildings where No. 2 heating oil or diesel fuel is used these deliveries are also carefully measured.

The percentage of building space with energy metering :

100

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

Grounds

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

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

Integrated Pest Management

Responsible Party

Noel Gasparin
Manager
Grounds

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:

Please contact Shannon Ross at shannonross@gwu.edu with any questions on this credit.

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

The size of the campus grounds :

21 Acres

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

21 Acres

A brief description of the IPM plan(s) :

The George Washington University Integrated Pest Management Plan

1. The Integrated Pest Management (IPM) Plan for GW grounds applies to the entire campus grounds.
2. GW grounds IPM plan adheres to the following four-tiered approach: 1. Set action Thresholds, 2. Monitor and identify pests, 3. Prevention, 4, Control.
3. Applicability- This applies to all cultivated grounds on all GW campuses.
4. All 7.5 acres of the Foggy Bottom campus grounds are covered by our IPM plan.
5. Reporting Fields-total campus grounds are 7.5 acres, all 7.5 acres are maintained within the four-tiered IPM plan. Description of the IPM plan-Integrated Pest Management (IPM) is an effective and environmentally sensitive approach to pest management that relies on a [STARS Reporting Tool](#) | [AASHE](#) | [Sierra Magazine](#)

combination of common-sense practices. IPM programs use current, comprehensive information on the life cycles of pests and their interaction with the environment. This information, in combination with available pest control methods, is used to manage pest damage by the most economical means, and with the least possible hazard to people, property, and the environment.

Standards and Thresholds - Set Action Thresholds

Before taking any pest control action, IPM first sets an action threshold, a point at which pest populations or environmental conditions indicate that pest control action must be taken. Sighting a single pest does not always mean control is needed. The level at which pests will either become an economic or environmental threat is critical to guide future pest control decisions.

Monitor and Identify Pests

Not all insects, weeds, and other living organisms require control. Many organisms are innocuous, and some are even beneficial. IPM programs work to monitor for pests and identify them accurately, so that appropriate control decisions can be made in conjunction with action thresholds. This monitoring and identification removes the possibility that pesticides will be used when they are not really needed or that the wrong kind of pesticide will be used. GW subscribes to a weekly IPM report provided by the University of Maryland Cooperative Extension Service, which sends out updates on what pests are currently active, action thresholds plants suffering from environment stress, such as draught, excessive rainfall, or other non-pest causes and the action which should be taken, if any is needed.

Prevention

As a first line of pest control, IPM programs work to manage the campus grounds and landscape to prevent pests from becoming a threat. Using cultural methods, such as selecting pest-resistant varieties, utilizing native plants and adaptive plants, appropriate plant placement and landscape design, and proper management practices are most important.

Control

Once monitoring, identification, and action thresholds indicate that pest control is required, and preventive methods are no longer effective or available, IPM programs then evaluate the proper control method both for effectiveness and risk. Effective, less risky pest controls are chosen first, such as horticultural oils or soaps or highly targeted chemicals, such as pheromones to disrupt pest mating, in addition to mechanical control, such as trapping or weeding. If further monitoring, identifications and action thresholds indicate that less risky controls are not working, then additional pest control methods would be employed, such as targeted spraying of pesticides. Broadcast spraying of non-specific pesticides is a last resort and rarely if ever used on campus. Most applications of pesticides are currently done through licensed contractors and then monitored by GW.

General:

1. Inspect both interior and exterior of buildings. Note sanitation issues in trash rooms, basements, hallway and trash closets, and all common areas. Note sanitation issues around any exterior trash collection areas or dumpsters. Also, make note of any access points for rodents or insects.
2. Note any areas needing sealed or caulked. Check pipe access points, door sweeps, windows, open windows without screening, around A/C units, and for any holes in masonry walls that needs addressed.
3. Note any landscaping issues that may be contributing to insect or rodent problems.
4. Utilize work requests to have these specific issues corrected by the proper departments. Follow up, and perform these inspections regularly.

Treatment Practices:

1. Upon receiving a work request for service, first inspect room or office for evidence or active pest problems. Inspections are only done in common areas and then treatment made only if an infestation is found.
2. Once identified, note any issues relating to the pest found, i.e. moisture problems, sanitation issues, access holes, missing screens in windows, etc.
3. When possible, address these issues, or have them addressed by the proper department.
4. When necessary, treat only with EPA approved chemicals, according to label recommendations. Use a crack and crevice method, or spot treatment in areas of infestation only. Use gel baits, and/or liquid residuals, depending on the situation. Minimize use of either of these.
5. For rodent issues, on interior of buildings, use snap traps in accessible area. Check daily, and remove any trapped rodents, and dispose of properly.
6. For rodent issues on exterior of buildings, use tamper proof bait stations, with bait according to label recommendations only. Use tracking powder in rodent burrows on exterior of buildings according to label recommendations, closing burrows after treatment.

7. Bed bugs issues are being addressed with thermal remediation, vacuuming and steaming only. Minimal use of chemical treatment will be used, only when an infestation size merits use.

8. Exclusion, and or live trapping is used for squirrels, raccoons, birds, or other live vertebrate pests.

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

Responsible Party

Noel Gasparin
Manager
Grounds

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

"---" 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 :

GW released a groundbreaking Ecosystems Enhancement Plan in Spring 2012. This plan includes targets and goals for increasing and enhancing biodiversity on campus. GW is committed to enhancing the biological richness/diversity of the campus and is targeting to create design guidelines around outdoor space that are habitat friendly and promote non-invasive plants. The university plans to;

- 1) Conduct a habitat assessment (through classes)
- 2) Encourage native/adaptive/non-invasive/drought-resistant plantings and pro-habitat landscaping practices using the following criteria for plantings - appearance, adaptability, security and survivability
- 3) Partner with local NGOs to raise awareness about local urban ecosystems, indigenous species and preservation tactics. (E.g. Casey Trees)
- 4) Reduce the number of annuals planted
- 5) Place more bird houses around campus
- 6) Encourage use of systemic and pre-emergent pesticides
- 7) Encourage use of natural predators to manage pests
- 8) Connect campuses to green ways within the region

The GW Office of Sustainability works closely with the GW Grounds team on enhancing the sustainability of the landscaping on campus. At the time of submission the Office is working with stakeholders on campus to draft a grounds policy to layout a framework for plant selection. This policy aside, the Grounds Team is very attune to using native and adaptive plants on campus already, and often prioritizes them over invasive species. In addition, in conjunction with a GW student and apiarist, the team planted pollinator friendly plants on campus during Earth Week designed to help provide additional food for the apiaries on campus.

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

Responsible Party

Noel Gasparin

Manager

Grounds

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

"--- " 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 :

GW's campus is in the heart of downtown Washington, DC. As such opportunities to protect and preserve wildlife habitat are at a premium. However, GW is committed to serving as a model of urban sustainability and as such is working to create and protect spaces on campus to enhance biodiversity. There are multiple examples of these types of efforts.

The first is the GW Ecosystems Plan which lays out goals and targets to enhance biodiversity on campus. GW plans on using its landscaping techniques and space planning to ensure biodiversity on campus.

The second are the two gardens on GW's campuses. The GroW garden on Foggy Bottom is just steps from the State Department and in the heart of bustling DC. The garden provides a welcome respite for animals and biodiversity in the area.

The third is the two bee colonies on GW's campus. One apiary is located on the rooftop of the biology building on Foggy Bottom and Professor Hartmut Doebel and his research assistants provide a home for them helping to restore much-needed pollinators to the area. In conjunction with this project the students worked with the GW Grounds team to plant a pollinator-friendly garden during Earth Week to help provide more habitat and food sources for bees in the area.

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

Responsible Party

Sophie Waskow
Sustainability Project Facilitator
Office of Sustainability

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

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

No

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

GW is not an official member of the Tree Campus USA Program. However, GW has a longstanding partnership with Casey Trees, a local non-profit dedicated to promoting tree canopy in the District. As part of this partnership, GW hosts tree-watering interns during the summer to help maintain tree health, has conducted tree inventories on campus to better understand tree composition on campus and has planted numerous trees on campus. As an urban campus, GW is limited by how many trees it can plant by DC law and code, but works hand-in-hand with district agencies to advocate for additional low-impact development projects.

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

Snow and Ice Removal

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

Landscape Waste Composting

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

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

Mark Ellis
Sustainability Project Facilitator
Office of Sustainability

Criteria

Part 1

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

Part 2

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

Submission Note:

GW does not have a policy to only purchase computer devices with an EPEAT standard, but in practice over 95% of the machines we have purchased are models listed as EPEAT gold level. For non-computer devices, Energy Star rated items are suggested and purchased in virtually all conditions,

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

"---" 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? :

No

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

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

followed :

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

No

Expenditures on EPEAT Gold desktop and laptop computers and monitors :

Expenditures on EPEAT Silver desktop and laptop computers and monitors :

Total expenditures on desktop and laptop computers and monitors :

Cleaning Products Purchasing

Responsible Party

Mark Ellis
Sustainability Project Facilitator
Office of Sustainability

Criteria

Part 1

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

Part 2

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

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

"---" 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.aramark.com/PressRoom/PressReleases/ARAMARK-Blue-Cleaning.aspx>

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

George Washington University has contracted its housekeeping management through ARAMARK as its primary housekeeping service manager. As part of this contract ARAMARK uses green cleaning practices, which have been used on campus for the past five years. ARAMARK is in the process of transitioning all of its purchased cleaning products used on campus to "blue cleaning" products that substitute electrically charged water for chemicals used previously in its green products. Please refer to the link above to learn more about

ARAMARK's blue cleaning program, and the health and environmental benefits it offers beyond even existing green cleaning products.

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

No

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

Total expenditures on cleaning products :

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

Responsible Party

Mark Ellis
Sustainability Project Facilitator
Office of Sustainability

Criteria

Part 1

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

Part 2

Institution purchases recycled content office paper.

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

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

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

No

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

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

While the institution does not currently have a formally stated preference for purchasing recycled content office paper, much of the university's office paper purchases for print and fax purposes contain 30% recycled content. In addition, the Office of Sustainability and Office of Procurement are currently in the process of developing a balanced scorecard consisting of economic, environmental, and social criteria to inform the institution's paper purchases. This scorecard serves as the first step in developing an official policy for paper purchases in a number of paper-product categories (including business cards, brochures, etc.) stipulating more environmentally and socially responsible purchasing policies.

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

No

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

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

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

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

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

Total expenditures on office paper :

Vendor Code of Conduct

Responsible Party

Mark Ellis
Sustainability Project Facilitator
Office of Sustainability

Criteria

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

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

"---" 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? :

No

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

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

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

The university has drafted a supplier code of conduct comprised of in five key areas: human & labor rights, health & safety, the environment, ethics, and management systems. The code of conduct has been modeled on and contains language from the Electronic Industry Code of Conduct. Recognized standards such as International Labour Organization Standards (ILO), Universal Declaration of Human Rights (UDHR), Social Accountability International (SAI), and the Ethical Trading Initiative (ETI) were used as references in preparing this Code and may be useful sources of additional information. The policy is currently still undergoing review at the institution, with the aim to be receive final revision and approval in the very near term.

Historically Underutilized Businesses

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

Local Businesses

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

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

Mark Ellis
Sustainability Project Facilitator
Office of Sustainability

Criteria

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

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

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

Submission Note:

All full electric vehicles are Cushman Titan electric work vehicles model years 1985-2005.

All E85 or higher ethanol fueled vehicles are all Flex Fuel vehicles.

Majority of campus bus fleet are operated under contract by independent service providers, not the university, and as such are not considered part of the university's official fleet. The fleet consists of vehicles owned, leased, and/or operated directly by the university.

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

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

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

1

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 :

22

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 :

18

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

106

Student Commute Modal Split

Responsible Party

Mark Ellis
Sustainability Project Facilitator
Office of Sustainability

Criteria

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

Submission Note:

"More sustainable commuting options" interpreted as all means of transportation other than commuting to campus via single occupancy vehicle.

The commuting data do not include student travel to/from campus at the beginning/end of each semester. In early 2010, GW performed a comprehensive transportation survey of each population (students, staff, and faculty), to improve upon the 2005 data used in our initial FY2008 GHG inventory. The data for the FY2010 inventory are based on this new survey and improves data accuracy. The survey was distributed in February 2010 to faculty, staff, and students University-wide (including the Foggy Bottom Campus, Mount Vernon Campus, and Loudon Campus). The purpose of the survey was to determine the travel characteristics and patterns of faculty, staff, and students. One questionnaire was provided for faculty and staff and one questionnaire was provided for students. The survey closed in March 2010. The survey was distributed electronically to 800 faculty, 1,300 staff and 6,000 students. A total of 1,032 faculty and staff responded, while 2,130 students responded. Numbers extrapolated were done so to the best of our understanding of the data being requested for STARS vis-a-vis the data surveyed in the report.

Please contact Shannon Ross at shannonross@gwu.edu with questions on this credit.

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

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

86.50

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 :

13.50

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 :

41.50

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

1.50

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

26.50

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

1

The website URL where information about alternative transportation is available :

<http://www.gwu.edu/explore/campuslife/universityservices/transportationservices>

Employee Commute Modal Split

Responsible Party

Mark Ellis
Sustainability Project Facilitator
Office of Sustainability

Criteria

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

Submission Note:

"More sustainable commuting options" interpreted as all means of transportation other than commuting to campus via single occupancy vehicle.

The commuting data do not include student travel to/from campus at the beginning/end of each semester. In early 2010, GW performed a comprehensive transportation survey of each population (students, staff, and faculty), to improve upon the 2005 data used in our initial FY2008 GHG inventory. The data for the FY2010 inventory are based on this new survey and improves data accuracy. The survey was distributed in February 2010 to faculty, staff, and students University-wide (including the Foggy Bottom Campus, Mount Vernon Campus, and Loudon Campus). The purpose of the survey was to determine the travel characteristics and patterns of faculty, staff, and students. One questionnaire was provided for faculty and staff and one questionnaire was provided for students. The survey closed in March 2010. The survey was distributed electronically to 800 faculty, 1,300 staff and 6,000 students. A total of 1,032 faculty and staff responded, while 2,130 students responded. Numbers extrapolated were done so to the best of our understanding of the data being requested for STARS vis-a-vis the data surveyed in the report.

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

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

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

67.10

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 :

32.90

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 :

11

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

12

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

44

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

0.10

The website URL where information about alternative transportation is available :

<http://www.gwu.edu/explore/campuslife/universityservices/transportationservices>

Bicycle Sharing

Responsible Party

Shannon Ross

Stakeholder Engagement Coordinator
Office of Sustainability

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

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

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

Yes

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

In partnership with Capital Bikeshare, a program run through the city of Washington DC, GW currently offers 50 bicycles to staff and students in two locations on campus. There are an additional 55 bicycles also through this program available within a short walk from campus. The GW stations are some of the busiest in the bikeshare network.

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

<http://capitalbikeshare.com/>

Facilities for Bicyclists

Responsible Party

Sophie Waskow

Sustainability Project Facilitator

Office of Sustainability

Submission Note:

Please contact Shannon Ross at

shannonross@gwu.edu

with questions on this credit.

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

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

Yes

A brief description of the facilities :

Yes. The university maintains several facilities for bikers on campus. The university has 77 racks, 492 spaces. As new buildings come online, the university is integrating more secured bike storage and additional racks, with an additional 284 spots in current/upcoming construction. In fall 2011, the Office of Sustainability partnered with the GW Health and Wellness Center to offer a shower-pass program to the university's gym. This program provides discounted semester-long gym membership to the gym to cyclists and pedestrian commuters to use the shower and locker facilities.

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

<http://gwired.gwu.edu/gwellness/membership/BiketoWork/>

Bicycle and Pedestrian Plan

Responsible Party

Robert Defendini

Executive Director

Transportation and Parking Services

Submission Note:

Please contact Shannon Ross at

shannonross@gwu.edu

with questions on this credit.

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

Has the institution developed a bicycle plan? :

Yes

A brief description of the plan :

- The University seeks to create a bicycle and pedestrian friendly campus by providing access to bicycle racks throughout the campus.
- The University's 2007 Foggy Bottom Campus Plan and associated Streetscape Plan create a "sense of place" and walkability on the campus by acknowledging and reinforcing the different campus streets and providing signage, sidewalks and open spaces and pathways that enhance the pedestrian experience.

The website URL where information about the plan is available :

<http://www.neighborhood.gwu.edu/campusdev/CampusPlan.cfm>

Responsible Party

Robert Defendini

Executive Director

Transportation and Parking Services

Submission Note:

<http://neighborhood.gwu.edu/campusdev/docs/factsheets/08%20tran.pdf>

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

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

Does the institution offer free or reduced price transit passes and/or operate a free campus shuttle? :

Yes

A brief description of the program(s), (s), including availability, participation levels, and specifics about discounts or subsidies offered (including pre-tax options) :

The university offers pre-tax SmartBenefits to all employees for use on DC metro area public transportation. There are currently 1200 people participating in the program.

GW has three campuses: Foggy Bottom, Mount Vernon, and Virginia. In order to facilitate transportation between them, the University operates two shuttles:

- The Vern Express, which runs between the Mount Vernon Campus and the Foggy Bottom Campus
- The Virginia Shuttle which transports people between the Virginia Science and Technology Campus to the Foggy Bottom Campus.
 - A free shuttle to and from the West Falls Church Metro (the closet Washington Metro Transit Authority stop to the Virginia Science and Technology Campus) to the Virginia Science and Technology Campus is also available. This helps ensure that people can still take public transportation and gain access to the Virginia campus, and reduces the need to purchase and/or drive cars.

The University offers free shuttle bus service for students, faculty, and staff from the main campus to its Mount Vernon and Virginia Science and Technology Campuses in order to cut down on vehicle trips. Portions of this service are open to members of the neighbors as well. The use of the Vern Express and Virginia Campus shuttles reduces the number of car or other vehicle trips each year between the Foggy Bottom and other campuses.

In addition, GW University Police Department operates a shuttle that runs from dusk until dawn to help members of the GW community move safely throughout the Foggy Bottom Campus, as well as the surrounding areas.

The website URL where information about the program is available :

http://financeoffice.gwu.edu/taxpayrollbenefits/payroll/payroll_metro.html

Condensed Work Week

Responsible Party

Shannon Ross

Stakeholder Engagement Coordinator
Office of Sustainability

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

"---" 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 :

GW offers compressed worked schedules, arrangements that allow a full-time staff member to work 40 hours in less than 5 working days (exempt and non-exempt) or work an 80 hour two week work period during 9 days and have the tenth day off (exempt only).

The website URL where information about the program is available :

<http://www.gwu.edu/hr/colonialcommunity/worklife/fwa/compressed.html>

Telecommuting

Responsible Party

Shannon Ross

Stakeholder Engagement Coordinator
Office of Sustainability

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

"---" 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 :

Yes. GW's Climate Action Plan laid out a commitment to expand and explore telecommuting options on campus. There are several telecommuting pilots running on campus as well as a cohort of consistent telecommuters.

The website URL where information about the program is available :

http://www.gwu.edu/hr/colonialcommunity/worklife/fwa/tel_intro.html

Carpool/Vanpool Matching

Responsible Party

Robert Defendini

Executive Director

Transportation and Parking Services

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

"---" 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 :

To promote carpooling, the GW NuRide program connects GW commuters from around the D.C. area. Registered riders earn rewards for each carpool ride found through NuRide and the GW Parking Office provides carpoolers with a reduced monthly parking rate of \$190, versus the standard \$210.

Effective January 1, 2011, registered carpoolers with the Parking Office pay \$195 per month instead of the standard \$230 monthly to park on the Foggy Bottom Campus and 110 per month instead of the standard \$140 per month to park on the Mount Vernon Campus. A Carpool is defined as two or more GWU employees' sharing the program. Parking fees will be paid via payroll deduction and the fee will be divided equally amongst the registered carpoolers.

The University has partnered with "NuRide", a flexible ride sharing program that encourages and rewards carpooling. The free program serves employees at the Main, Mount Vernon and Virginia campuses. One can sign up for one ride or for recurring rides. Registered riders earn reward points for every carpool ride. Points can be redeemed for gift cards, discounts and event tickets.

The University's enrollment in "NuRide" and the creation of a discounted parking rate for carpoolers are components of an ongoing effort to promote "Sustainability" on campus.

The website URL where information about the program is available :

<http://www.gwu.edu/~parking/other/carpool.cfm>

Cash-out of Parking

Responsible Party

Robert Defendini

Executive Director

Transportation and Parking Services

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

Does the institution allow commuters to cash out of parking spaces (i.e., it pays employees who do not drive to work)?

:

No

A brief description of the program :

The website URL where information about the program is available :

Carpool Discount

Responsible Party

Robert Defendini

Executive Director

Transportation and Parking Services

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

"---" 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 :

Effective January 1, 2011, registered carpoolers with the Parking Office pay \$195 per month instead of the standard \$230 monthly to park on the Foggy Bottom Campus and \$110 per month instead of the standard \$140 per month to park on the Mount Vernon Campus. A Carpool is defined as two or more GWU employees' sharing the program. Parking fees will be paid via payroll deduction and the fee will be divided equally amongst the registered carpoolers.

The website URL where information about the program is available :

<http://www.gwu.edu/~parking/other/carpool.cfm>

Local Housing

Responsible Party

Sophie Waskow

Sustainability Project Facilitator

Office of Sustainability

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

Does the institution have incentives or programs to encourage employees to live close to campus? :

No

A brief description of the incentives or programs :

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

Prohibiting Idling

Responsible Party

Robert Defendini

Executive Director

Transportation and Parking Services

Submission Note:

Please contact Shannon Ross at

shannonross@gwu.edu

with questions on this credit.

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

Has the institution adopted a policy prohibiting idling? :

Yes

A brief description of the policy :

GW adheres to the District of Columbia's anti idling legislation, which is one of the strictest in the nation. With a few exceptions, motor vehicles powered by gasoline or diesel are not allowed to idle for more than three minutes while the vehicle is parked, stopped or standing. GW monitors shuttle buses and other drivers on campus to ensure compliance with this policy.

The website URL where information about the policy is available :

<http://ddoe.dc.gov/service/engine-anti-idling-law>

Car Sharing

Responsible Party

Robert Defendini

Executive Director

Transportation and Parking Services

"---" 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 :

The University provides spaces for 19 Zipcars on campus offering car sharing services to GW faculty, staff and students aged 18 and over, with a 50% reduction in membership fees.

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

<http://www.zipcar.com/gwu/>

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

Sophie Waskow
Sustainability Project Facilitator
Office of Sustainability

Criteria

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

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

Submission Note:

Please contact Shannon Ross at shannonross@gwu.edu with questions on this credit.

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

Weight of materials recycled, 2005 baseline year :

585 Tons

Weight of materials composted, 2005 baseline year :

0 Tons

Weight of materials disposed as garbage, 2005 baseline year :

3378 Tons

Weight of materials recycled, performance year :

1040 Tons

Weight of materials composted, performance year :

41 Tons

Weight of materials disposed as garbage, performance year :

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

July 1, 2010 to June 30, 2011

On-campus residents, 2005 :

7295

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

12415

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

9975

On-campus residents, performance year :

7707

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

13497

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

10276

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

July 1, 2012 to June 30, 2011

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

Yes

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

GW commits to reviewing its impact on and dependence on ecosystems locally, regionally, and globally, and to make a plan to enhance ecosystem services in these regions. GW commits to becoming a Zero Waste campus in the long-term, and aims to increase recycling to 50% by 2017 and to reduce litter on campus. Tactics proposed to achieve these goals include: expanding composting, updating and expanding recycling and waste infrastructure on campus, piloting new technologies, exploring new vendor options and increasing education and awareness.

GW will also expand on its successful Green Move Out program. In 2012, Green Move-Out collected about 90,000 pounds of clothing, shoes, and bedding—more than 3,600 bags, each weighing about 25 pounds. More than 5,000 pounds of nonperishable food were collected, in addition to 57 boxes of books, weighing 35 pounds each. Students also donated large household items—34 televisions, eight futons and numerous small lamps, vacuum cleaners and shelving units.

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

Responsible Party

Doug Spengel

Manager, Energy and Environment Program
Operations

Criteria

Institution diverts materials from the landfill or incinerator by recycling, composting, reusing, donating, or re-selling.

This credit does not include construction, demolition, electronic, hazardous, special (e.g. coal ash), universal and non-regulated chemical waste, which are covered in *OP Credit 19: Construction and Demolition Waste Diversion*, *OP Credit 20: Electronic Waste Recycling Program*, and *OP Credit 21: Hazardous Materials Management*.

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

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

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

1128.50 Tons

Materials disposed in a solid waste landfill or incinerator :

3278 Tons

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

GW commits to reviewing its impact on and dependence on ecosystems locally, regionally, and globally, and to make a plan to enhance ecosystem services in these regions. GW commits to becoming a Zero Waste campus in the long-term, and aims to increase recycling to 50% by 2017 and to reduce litter on campus. Tactics proposed to achieve these goals include: expanding composting, updating and expanding recycling and waste infrastructure on campus, piloting new technologies, exploring new vendor options and increasing education and awareness.

In addition, GW will build on its successful Green Move Out program. This year, Green Move-Out collected about 90,000 pounds of clothing, shoes, and bedding—more than 3,600 bags, each weighing about 25 pounds. More than 5,000 pounds of nonperishable food were collected, in addition to 57 boxes of books, weighing 35 pounds each. Students also donated large household items—34 televisions, eight futons and numerous small lamps, vacuum cleaners and shelving units. Trucks arrived to collect donations on an almost-daily basis between April 30 and May 23, with twice-daily pickups scheduled after Commencement when seniors vacated their residence halls.

Construction and Demolition Waste Diversion

Responsible Party

Nancy Giammatteo

Director, Office of Planning and Design Review
Division of Operations

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:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

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

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

6000 Tons

Amount of construction and demolition materials landfilled or incinerated :

900 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 :

For each of our four LEED (Gold) certified buildings, the contractors diverted over 75% of the construction and demolition waste from landfills or incineration. GW requires all new construction and major renovation projects to divert a minimum of 75% of all waste construction waste.

Electronic Waste Recycling Program

Responsible Party

Doug Spengel

Manager, Energy and Environment Program
Operations

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:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

"---" 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 :

After evaluating several firms, the university hired Dell Asset Recovery to perform the dismantling and recycling of out-dated electronic equipment that will no longer be resued by faculty, staff, or students.

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

Any faculty or staff with electronic equipment to be recycled simply has to contact Facilities Services who will pick-up the item and transfer it either to the Department of Information Technology for reuse or to Dell Asset Recovery for dismantling and recycling.

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

There are four collections bins on campus where students can deposit electronic equipment to be recycled, which is then turned over to Dell Asset Recovery for dismantling and recycling.

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

<http://my.gwu.edu/files/policies/ElectronicRecyclingFINAL.pdf>

Hazardous Waste Management

Criteria

Institution has strategies in place to safely dispose of all hazardous, special (e.g. coal ash), universal, and non-regulated chemical waste and seeks to minimize the presence of these materials on campus.

"---" 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 :

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

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

Materials Exchange

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

Limiting Printing

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

Materials Online

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

Chemical Reuse Inventory

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

Move-In Waste Reduction

Responsible Party

Doug Spengel

Manager, Energy and Environment Program
Operations

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

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

Does the institution have a program to reduce residence hall move-in waste? :

Yes

A brief description of the program :

The university has run a program called Green Move-In for several years, to follow-up on its Green Move-Out program. The Green Move-In program encourages students to move to campus using a list of packing tips aimed at increasing their use of reuseable packaging materials rather than one-time-use materials. Once students arrive, the program aim becomes recycling as much cardboard as possible from the residence halls.

The website URL where information about the program is available :

<http://living.gwu.edu/greenliving/GreenMoveIn/>

Move-Out Waste Reduction

Responsible Party

Doug Spengel

Manager, Energy and Environment Program
Operations

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

"---" 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 :

A well-established and award-winning program called Green Move-out is conducted each year. The objective is to collect a wide-variety of items (e.g., food, bedding, clothes) that students would otherwise leave behind in their residence hall rooms as waste and to transfer them off campus to many charities in an organized manner. The university attempts to track in a quantitative way what is collected through this program to contribute to the campus diversion rate. At the end of academic year 2012, Green Move-Out collected about 90,000 pounds of clothing, shoes, and bedding—more than 3,600 bags, each weighing about 25 pounds. More than 5,000 pounds of nonperishable food were collected, in addition to 57 boxes of books, weighing 35 pounds each. Students also donated large household items—34 televisions, eight futons and numerous small lamps, vacuum cleaners and shelving units.

The website URL where information about the program is available :

<http://living.gwu.edu/greenliving/GreenMoveOut/>

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

Sophie Waskow
Sustainability Project Facilitator
Office of Sustainability

Criteria

Institution has reduced its total water consumption per weighted campus user compared to a 2005 baseline.

Total water consumption includes both potable and non-potable water.

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

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

Water consumption, 2005 baseline year :

269085137 Gallons

Water consumption, performance year :

253967232 Gallons

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

July 1, 2010 through June 30, 2011

On-campus residents, 2005 :

7295

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

12415

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

9975

On-campus residents, performance year :

7707

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

13497

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

10276

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

July 1, 2010 through June 30, 2011

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

Yes

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

Water Commitment

GW is committed to reducing its potable water footprint and negative impact on our watershed. On Earth Day 2011, GW revealed its water footprint and announced its targets around water sustainability. The GWater Plan is one of the most comprehensive plans for water sustainability issued by an American university, with eight clear goals and targets spanning across four major focus areas – potable water, rainfall capture, wastewater and bottled water.

Potable Water: Reduce total potable water consumption by 25% over 10 years from FY08 baseline

Adapt water saving infrastructure in campus facilities

Reuse all retained stormwater for greywater systems, cooling towers and irrigation

Encourage water conservation through programs such as Eco-Challenge and the Green Office Program

Rainfall Capture: Capture rainwater that falls on our campus -- zero run-off

Increase permeable space by 10% over 10 years from FY11 baseline

Pilot new technologies to harvest rainwater

Create rainfall capture & sequestration sites around campus

Wastewater: Reduce the amount of contaminants going into our campus waste water system -- zero pollution

Educate GW community on impacts of litter on our watershed

Promote responsible disposal of pharmaceuticals and other pollutants

Partner with local organizations that protect the surrounding watershed

Bottled Water: Reduce the use of bottled water on campus

Reduce direct expenditure on bottled water in university procurement by half over five years from FY11 baseline

Ensure all new constructions incorporate in-line filtration systems

Engage GW community to 'Take back the tap' and promote the use of reusable water bottles

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

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/newsevents/watersustainabilityatgw>

Stormwater Management

Responsible Party

Sophie Waskow
Sustainability Project Facilitator
Office of Sustainability

Criteria

Part 1

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

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

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

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

Part 2

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

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

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

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

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

Does the institution have a policy, plan, and/or strategies to reduce stormwater runoff from new development projects? :

Yes

Does the institution have a policy, plan, and/or strategies to reduce stormwater runoff from ongoing campus operations? :

Yes

A brief description of the institution's stormwater management initiatives :

Three storm water goals from the GWater Plan are as follows: 1) Use GW campuses as test beds for new water reclamation technologies to reduce potable water consumption; 2) Capture rainwater that falls on GW campuses aiming for zero run-off, and 3) 10 percent absolute increase in permeable space over 10 years from FY11 baseline.

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

<http://www.gwu.edu/staticfile/GW/News%20and%20Events/6.%20Initiatives/1.%20Sustainability/Resources/GWater%20Plan.pdf>

Does the institution have a living or vegetated roof? :

Yes

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

The university's first green roof was installed on the Elliott School building (1957-1959 E St) in October 2008. It is approximately 1,600 square feet in size. In 2011 GW added 2,685 sf of green roof at Ames Hall, and have plans to add 8,350 sf at School of Public Health and Health Services (SPHHS) and 10,150 sf of additional green roof on the future Science and Engineering Hall. There is also a small green roof on the President's house.

Does the institution have porous paving? :

Yes

A brief description of the institution's porous paving :

Much of the university's property is located in an urban area, with city-owned asphalt streets and impervious concrete sidewalks. The university has been making its own sidewalks more permeable and plans to continue to do so. The GWater Plan calls for a 10 percent absolute increase in permeable space over 10 years from an FY11 baseline.

Does the institution have retention ponds? :

No

A brief description of the institution's retention ponds :

Does the institution have stone swales? :

No

A brief description of the institution's stone swales :

Does the institution have vegetated swales? :

No

A brief description of the institution's vegetated swales :

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 :

Stormwater management devices have been required in Washington, DC for new development projects since the mid-1990s. The university has 13 buildings using a total of 14 stormwater treatment devices. In addition to the treatment system, some of these also include large storage basins similar to storage ponds but located below grade rather than on grade. All of them slow the rate at which stormwater enters the sewer system and they remove solids from the stormwater before discharge.

In two future construction projects, School of Public Health and

Health Services and Science and Engineering Hall, GW will be capturing stormwater from roof drains as grey water for use in flushing toilets and urinals and for cooling tower make-up.

Waterless Urinals

Responsible Party

Nancy Giammatteo

Director

Planning and Design

Submission Note:

Please contact Shannon Ross at

shannonross@gwu.edu

with questions on this credit.

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

Does the institution use at least one waterless urinal? :

No

A brief description of the technology employed :

For maintenance reasons, GW has chosen not to use waterless urinals; instead, GW employs design standards which require the use of .125 gallon (pint) fixtures.

The website URL where information about the technology is available :

Building Water Metering

Responsible Party

Doug Spengel

Manager, Energy and Environment Program
Operations

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

"---" 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 :

Water coming into all university-owned buildings is metered. Most campus buildings are separately metered although a few adjoining buildings sometimes share a meter. The only buildings where water use is not tracked are those where the university is one of many tenants. Most meters are owned and maintained by local water distribution companies while a few submeters owned by the university are also used.

The percentage of building space with water metering :

100

The website URL where information about the practice is available :

Non-Potable Water Usage

Responsible Party

Doug Spengel

Manager, Energy and Environment Program
Operations

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

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

Does the institution use non-potable water (e.g., harvested rainwater or graywater) for irrigation and/or other applications? :

Yes

A brief description of the source of non-potable water and how it is used :

The university has several on-campus gardens that use rain barrels to collect rain water for reuse in the gardens. The university also turned a parking lot into a green space, and incorporated a rain water collection system and rain barrels into this project to irrigate the grass, plants, and for source water for a fountain. As part of the project planning and management process, the GW Operations Team seized the opportunity to make GW's urban campus even more environmentally friendly. They embarked on a process to create a plaza that would be beautiful, enjoyable, and acts as an urban resource that projects the Potomac Watershed. Permeable brick pavers were installed with an under-tray system used to collect rainfall. Three below-ground cisterns totaling 33,000 gallons were installed. Runnels captured non-permeable hard-scape run-off and directed it into tree pits and planters. Rooftop water was diverted from adjacent buildings into the cistern system. Where parking was required, Grass-Pave™ was installed and planted with Buffalo grass. All plantings were native (70%) and adapted (30%) species, further reducing water demand. The fountain draws from the cistern system, and auto shuts-off when the water supply runs low. For one large building the university uses untreated ground water for irrigation.

The percentage of irrigation water usage from recovered, reclaimed or untreated sources :

5

The percentage of building space using water from recovered, reclaimed or untreated sources :

0

The percentage of water used in utility plants from recovered, reclaimed or untreated sources :

0

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

Responsible Party

Nancy Giammatteo

Director, Office of Planning and Design Review
Division of Operations

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

Does the institution use xeriscape landscaping techniques, including the selection of drought tolerant plants? :

No

A brief description of the program or practice :

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

Weather-Informed Irrigation

Responsible Party

Nancy Giammatteo

Director, Office of Planning and Design Review
Division of Operations

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

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

Does the institution use weather data or weather sensors to automatically adjust irrigation practices? :

No

A brief description of how weather data or sensors are used :

By using native and adaptive species of plant material, GW has eliminated in-ground irrigation in our LEED projects. GW anticipates the installation of weather sensors in the three lawn areas (greens) within the next year.

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

Meghan Chapple-Brown

Director of Sustainability, Senior Advisor on University Sustainability Initiatives
Office of Sustainability

Criteria

Institution has a sustainability committee, office, and/or coordinator that are tasked by the administration or board of trustees to advise on and implement policies and programs related to sustainability on campus.

The committee, office, and/or coordinator focus on sustainability broadly (i.e. not just one sustainability issue, such as climate change) and cover the entire institution. A committee, office, or coordinator that focuses on just one department or school within the institution does not count for this credit.

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on 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 :

In lieu of a working committee, GW has demonstrated its commitment to sustainability by convening a Board of Trustees Committee on Sustainability. The Committee on Sustainability of the Board of Trustees advises and assists the university in fostering its responsibilities concerning sustainability issues in its research, academic, and operational realms.

Members of the committee, including affiliations :

- George A. Coelho (Chair) Managing Director, Good Energies, (UK) LLP
- Richard W. Blackburn, Retired Executive Vice President
General Counsel and Chief Administrative Officer, Duke Energy
- Christopher J. Bright, Historian
Lee Fensterstock, Chairman & CEO, Fensterstock Associates
- Gerald Lazarus, Professor of Dermatology, Johns Hopkins Bayview Medical Center, Founder of the Johns Hopkins Wound Center

Faculty and administrative staff who currently report to the Committee on Sustainability of the GW Board of Trustees include Lou Katz, Executive Vice President and Treasurer
Forrest Maltzman, Senior Vice Provost, Academic Affairs and Planning and Professor of Political Science
Meghan Chapple-Brown, Director, Office of Sustainability, Division of Operations and Senior Advisor on University Sustainability Initiatives
Lisa Benton-Short, Interim Director, GW Institute for Sustainability, Academic Program Director for Sustainability, and Associate Professor of Geography
Amy Butler, Executive Director for Corporate and Foundation Relations

The University is currently recruiting a new faculty member to be the executive director of the pan-university initiative to integrate sustainability curriculum, research, practice and outreach.

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

<http://trustees.gwu.edu/committees.cfm?id=1028>

Does the institution have a sustainability office? :

Yes

A brief description of the sustainability office :

The Office of Sustainability opened in January 2009, following the completion of the Task Force Report on Sustainability. The Task Force, convened by President Knapp upon his arrival at the university, provided a series of recommendations on sustainability to the university, creating an Office of Sustainability was one of their top priority areas. The office provides a strategic home for sustainability initiatives on campus, and the office works in partnership with many stakeholders on campus to advance our work.

The number of people employed in the sustainability office :

5

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

<http://www.sustainability.gwu.edu/>

Does the institution have a sustainability coordinator? :

Yes

Sustainability coordinator's name :

Meghan Chapple-Brown

Sustainability coordinator's position title :

Director, Office of Sustainability, Division of Operations and Senior Advisor on University Sustainability Initiatives

A brief description of the sustainability coordinator's position :

The Director of the Office of Sustainability leads a small staff to provide centralized support and leadership for the advancement of GW's sustainability mission to create systems that are healthy and thriving for all, long into the future. The Office does this by helping with tasks such as:

- Setting sustainability goals
- Supporting others at GW with the integration of activities into their current work (including curricular and research strategy, energy usage, new buildings, procurement, water use and waste, transportation, land use / ecosystems)
- Engaging with students to better serve their interests, provide service-learning, and build momentum on student projects
- Facilitating partnerships between the university and external leaders on initiatives and events – non-profit organizations, multi-lateral organizations, business, local and national government, funders, peer institutions, others
- Helping to identify resources for sustainability efforts and sharing best practices across the university
- Identifying and incubating sustainability projects that don't yet have a "home" in the university

GW's Office of Sustainability works closely with many departments on campus such as facilities, services, and campus planning, campus development and construction who lead the design and construction, and facilities operation and maintenance work. In addition, the Office of Sustainability supports and partners with other divisions ranging from the president's office and the provost's office, to food and dining, procurement, finance, development, student activities as well as various schools to integrate sustainability into the fabric of the organization.

The Director also acts as Senior Advisor on University Sustainability Initiatives to institution leaders including the President, Provost, Executive Vice President and Treasurer, Vice President Development and Alumni Relations, and the Vice President for Research.

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

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/about>

Strategic Plan

Responsible Party

Meghan Chapple-Brown

Director of Sustainability, Senior Advisor on University Sustainability Initiatives
Office of Sustainability

Criteria

Institution's current, formally adopted strategic plan or equivalent guiding document includes sustainability at a high level. The plan covers the entire institution.

An amendment to the strategic plan may count for this credit, as long as the institution always presents the amendment with the original plan.

Neither a physical campus plan (which is covered in *PAE Credit 3: Physical Campus Plan*) nor an independent sustainability plan (which is covered in *PAE Credit 5: Sustainability Plan*) counts for this credit.

Submission Note:

GW is in the middle of its strategic planning process. Sustainability will be incorporated into it. Sustainability is one of the GW values: <http://www.gwu.edu/hr/ouroffice/values.html>

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

Year the strategic plan or equivalent was completed or adopted :

Does the institution's strategic plan or equivalent guiding document include the environmental dimensions of sustainability at a high level? :

A brief description of how the strategic plan or amendment addresses the environmental dimensions of sustainability :

Does the institution's strategic plan or equivalent guiding document include the social dimensions of sustainability at a high level? :

A brief description of how the strategic plan or amendment addresses the social dimensions of sustainability :

Does the institution's strategic plan or equivalent guiding document include the economic dimensions of sustainability at a high level? :

A brief description of how the strategic plan or amendment addresses the economic dimensions of sustainability :

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

Physical Campus Plan

Criteria

Institution's current plan for its physical campus (commonly referred to as the campus master plan) includes sustainability at a high level.

An amendment to the plan may count for this credit, as long as the institution always presents the amendment with the original plan.

Neither a strategic plan (which is covered in *PAE Credit 2: Strategic Plan*) nor an independent sustainability plan (which is covered in *PAE Credit 4: Sustainability Plan*) counts for this credit.

Plans developed at the system level are eligible for this credit. Likewise, multiple plans which together cover the institution's entire physical campus are eligible for this credit.

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

Sustainability Plan

Responsible Party

Meghan Chapple-Brown

Director of Sustainability, Senior Advisor on University Sustainability Initiatives
Office of Sustainability

Criteria

Institution has a sustainability plan that was developed with input from faculty, staff, and students. The plan includes measurable goals with corresponding strategies and timeframes to achieve the goals. The plan need not be formally adopted.

The plan covers multiple sustainability topics and issues. Plans focused exclusively on climate change, which are covered by *PAE Credit 5: Climate Plan*, are not eligible for this credit.

Strategic or master plans that cover sustainability may count for this credit if they meet the other criteria outlined above.

Submission Note:

GWater Plan:

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/newsevents/watersustainabilityatgw>

Ecosystems Plan:

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/newsevents/gwecosystemplan>

Please contact Shannon Ross at shannonross@gwu.edu with any questions on this credit.

"---" 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 :

GW has three guiding plans for its sustainability strategy: a climate action plan ("Climate Action Plan"), a water action plan ("GWater Plan") and an ecosystem plan ("Ecosystems Enhancement Plan"). The climate action plan is discussed in a later section. All three plans were developed in conjunction with many stakeholders on campus, and together form the university's strategic sustainability plan.

For each plan, internal and external stakeholders were consulted in developing the targets and goals. These groups included internal constituents such as GW Division of Operations (Facilities Services, Campus Planning and Design Review, Construction Project Management), Student Academic Support Services (GW Housing, Student Activities) and External Relations. In addition external groups ranging from the DC government, federal government and thought leaders were consulted in plan development.

A brief description of the plan's measurable goals :

In spring 2011 GW released a comprehensive plan for water sustainability. The GWater Plan takes a holistic look at our water footprint. GW was one of the first universities to disclose its full water footprint and has set goals and targets to address its water sustainability across its potable water, rainfall capture, water quality and bottled water footprints.

Potable Water: Reduce total potable water consumption by 25% over 10 years from FY08 baseline

Adapt water saving infrastructure in campus facilities

Reuse all retained stormwater for greywater systems, cooling towers and irrigation

Encourage water conservation through programs such as Eco-Challenge and the Green Office Program

Rainfall Capture: Capture rainwater that falls on our campus -- zero run-off

Increase permeable space by 10% over 10 years from FY11 baseline

Pilot new technologies to harvest rainwater

Create rainfall capture & sequestration sites around campus

Wastewater: Reduce the amount of contaminants going into our campus waste water system -- zero pollution

Educate GW community on impacts of litter on our watershed

Promote responsible disposal of pharmaceuticals and other pollutants

Partner with local organizations who protect the surrounding watershed

Bottled Water: Reduce the use of bottled water on campus

Reduce direct expenditure on bottled water in university procurement by half over five years from FY11 baseline

Ensure all new constructions incorporate in-line filtration systems

Engage GW community to 'Take back the tap' and promote the use of reusable water bottles

Ecosystems Enhancement Plan:

In Spring 2012 GW launched its ecosystems plan, which rolls up GW's climate and water plans, and other actions into a systems approach to sustainability. The purpose of the ecosystems plan is to evaluate ecosystem services and set organizational targets to address GW's impact and dependence on ecosystem services, and the organization's position to mitigate risks and seize opportunities. Ecosystem services are the benefits that people get from nature such as water purification, climate regulation, pollination, and aesthetics.

After reviewing best practice on ecosystems services, the OS team determined that these six services were most relevant to GW:

1. Strengthen habitat and optimize natural space
2. Promote healthy air and climate
3. Foster clean and abundant fresh water
4. Support sustainable food production systems
5. Optimize waste decomposition and treatment
6. Encourage a natural urban environment that helps enhance physical, mental & social well-being

GW commits to reviewing its impact on and dependence on ecosystems locally, regionally, and globally, and to make a plan to enhance

ecosystem services in these regions.

Highlights from Goals

- GW commits to enhancing the biological richness of the campus, and will start by drafting guidelines for outdoor space that are habitat friendly.
- GW commits to increase food sustainability by working with on campus vendors to promote green practices and to increase the transparency of our food sources.
- GW commits to sourcing products that reduce its impact on biodiversity, climate and water, and will start by drafting sustainable procurement policies for three major purchase categories (e.g. paper, electronics, water, etc.) by 2017.
- GW will develop a framework for integrating sustainability trends and issues into evaluation of strategic investment opportunities and risks, and will start by developing a policy for proxy voting by 2014.
- GW commits to becoming a Zero Waste campus in the long-term, and aims to increase recycling to 50% by 2017 and to reduce litter on campus.
- GW commits to connecting students and the GW community to the wealth of local natural areas through service projects and outings (e.g. Green Campus Walking Tours, treks to Chesapeake area natural areas, and integration of field studies into academic offerings).

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

Progress in all three plans is measured annually. The progress will be measured and reported through channels such as the GW sustainability report, STARs and via the office's website.

Sample Projects Installed to Date:

Several projects on campus have already begun to address our ecosystems footprint.

Square 80 Plaza - This unique water reclamation park captures and retains all water that falls on the site. Through a network of cisterns, runnels, permeable surface and rain barrels, this 3/4 acre site highlights the technological possibilities for managing storm water, thus enhancing the urban environment. The Square 80 plaza is a participant in the SITES pilot program which is developing a certifications for outdoor spaces.

1959 E Street Green Roof - This pilot green roof on the Elliot School was proposed by students, and opened in fall 2008. The roof features hearty sedum plants, which help prevent storm water runoff, promote biodiversity and help combat the urban heat island effect.

GroW Community Garden - The Food Justice Alliance student group planted two gardens on campus. These gardens feature native vegetables and plants which require less watering, and the addition of vegetation to the campus provides habitat for animals and helps promote local, organic food.

The Green Office Program - Through outreach to faculty and staff on campus GW seeks to educate the GW community about their ecosystem impact and how they can reduce their waste, water and climate footprints.

Honeybees and Pollinator Garden - The GW campus is home to two apiaries. One on Foggy Bottom and one on Mount Vernon. These provide homes to Italian honeybees, and a professor in the Biology Department and student assistants conduct research on the health and travel patterns of the bees. In addition, a pollinator friendly garden was planted near the honeybees to help add food sources for them.

Eco-Challenge - Now in its fifth year, this conservation challenge between residence halls encourages students to reduce their electricity and water usage. In FY10 students reduced their water usage by a whopping 5.6 million gallons.

Green Campus Fund - This self-sustainable, \$2 million revolving fund seeds projects that will modernize university buildings to be more energy and water efficient. To date, the university has committed close to \$1 million towards energy and water saving projects.

GWater Challenge - In order to highlight its commitment to water sustainability, the university held the GWater Challenge throughout the month of April. GW's Office of Sustainability created a checklist of activities that the GW community could do to reduce their own water footprints. More details about the GWater Challenge are available [here](#)

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

The year the plan was developed or last updated :

2012

Climate Action Plan

Responsible Party

Mark Ellis
Sustainability Project Facilitator
Office of Sustainability

Criteria

Institution has a formal plan to mitigate its greenhouse gas emissions. The plan includes a measurable, numerical goal or goals and a corresponding date or dates by which the institution aims to achieve its goal(s). The plan has been adopted by the institution's administration.

A formal sustainability plan (i.e. a plan that has been adopted by the administration) counts for this credit if it includes climate change goals, strategies, and corresponding timeframes. Such a plan may also count toward *PAE Credit 4: Sustainability Plan*.

Submission Note:

GW is using a 2008 baseline year, and is targeting a 40% reduction by 2025, and an 80% reduction by 2040.

Please contact Shannon Ross at shannonross@gwu.edu with any questions on this credit.

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

Does the institution have a plan to mitigate its greenhouse gas emissions that meets the criteria for this credit? :

Yes

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

The university commits to being a carbon neutral institution by fiscal year 2040. GW will reach carbon neutrality by reducing its emissions from buildings, using its campuses as test beds for clean energy sources on-site, and partnering with other market players to identify solutions to the system-wide problem of sourcing cleaner energy from the grid. These changes will account for at least 80 percent of emissions reduction. The remaining carbon emissions will be mitigated through the purchase of credible, local offsets.

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

The CAP also calls for the university to reduce its on-site carbon emissions from its buildings, transportation, and energy use by 40 percent by 2025.

Year the climate plan was formally adopted or approved :

2010

An indication of whether institution has made a commitment to reduce GHG emissions a specific amount by a target year :

Yes

List which emissions (scope 1, 2, and/or 3) are included in its GHG emissions commitment :

1, 2, and 3

The reduction level (percentage) institution has committed to :

80%

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

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

128,300 MTCO₂e

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

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

<http://www.gwu.edu/staticfile/GW/News%20and%20Events/6.%20Initiatives/1.%20Sustainability/Resources/GW%20Climate%20Action%20Plan.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

Criteria

Institution has a diversity and equity committee, office, and/or coordinator that are tasked by the administration or board of trustees to advise on and implement policies, programs, and trainings related to diversity and equity on campus.

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

Measuring Campus Diversity Culture

Criteria

Institution assesses attitudes about diversity and equity on campus and uses the results to guide policy, programs, and initiatives.

Institution may measure its culture of diversity and equity using one assessment for the entire institution or using separate assessments that taken together cover the entire institution.

Assessments conducted during the previous five years are eligible for this credit.

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

Support Programs for Underrepresented Groups

Criteria

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

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

Support Programs for Future Faculty

Criteria

Institution administers and/or participates in a program or programs to help build a diverse faculty throughout higher education.

Such programs could take any of the following forms:

- Teaching fellowships or other programs to support terminal degree students from underrepresented groups in gaining teaching experience. (The terminal degree students may be enrolled at another institution).
- Mentoring, financial, and/or other support programs to prepare and encourage undergraduate or other non-terminal degree students to pursue further education and careers as faculty members.
- Mentoring, financial, and/or other support programs for doctoral and post-doctoral students from underrepresented groups.

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

Affordability and Access Programs

Criteria

Institution has policies and programs in place to make it accessible and affordable to low-income students. Such policies and programs may include, but are not limited to, the following:

- Policies and programs to minimize the cost of attendance for low-income students
- Programs to equip the institution's faculty and staff to better serve students from low-income backgrounds
- Programs to prepare students from low-income backgrounds for higher education such as the federal TRIO programs
- Scholarships for low-income students
- Programs to guide parents of low-income students through the higher education experience
- Targeted outreach to recruit students from low-income backgrounds
- Other admissions policies or programs
- Other financial aid policies or programs

Institutions are not required to have programs or policies in each of the above areas in order to earn this credit. They may pursue the policies and programs that are appropriate for their context.

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

Gender Neutral Housing

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

Employee Training Opportunities

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

Student Training Opportunities

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

Human Resources

This subcategory seeks to recognize institutions that have incorporated sustainability into their human resources programs and policies. This includes recognition for treating and remunerating their workers responsibly and fairly. An institution's people define its character and capacity to perform; and so, an institution's achievements can only be as strong as its community. An institution can bolster the strength of its community by making fair and responsible investments in its human capital. Such investments include offering benefits, wages, and other assistance that serve to respectfully and ethically compensate workers. Investment in human resources is integral to the achievement of a healthy and sustainable balance between human capital, natural capital, and financial capital.

In addition, this subcategory recognizes faculty and staff training and development programs in sustainability. Faculty and staff members' daily decisions impact an institution's sustainability performance. Equipping faculty and staff with the tools, knowledge, and motivation to adopt behavior changes that promote sustainability is an essential activity of a sustainable campus.

Credit
Sustainable Compensation
Employee Satisfaction Evaluation
Staff Professional Development in Sustainability
Sustainability in New Employee Orientation
Employee Sustainability Educators Program
Childcare
Employee Wellness Program
Socially Responsible Retirement Plan

Sustainable Compensation

Criteria

Institution evaluates, and updates as appropriate, its wages and benefits policies and its guidelines for contractors operating on campus to ensure that total compensation (wages plus benefits) for all on-campus workers is sufficient to enable these employees to meet their basic needs, as defined by the institution. This evaluation is completed at least once every three years.

Student workers are not covered by this credit.

While wages and total compensation set in the following ways may constitute sustainable compensation, institutions should conduct a basic needs assessment to ensure that the total compensation is adequate before claiming points for this credit:

- Paying prevailing wages for job type or classification
- Paying average or above average wages for the region or city where the institution is located
- Paying minimum wages or a set amount above the minimum wage

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

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

Employee Satisfaction Evaluation

Criteria

Institution conducts a survey or other evaluation that allows for anonymous feedback at least once every five years to measure employee satisfaction. The survey or equivalent may be conducted institution-wide or may be done by individual departments as long as all departments are covered by a survey. The institution has a mechanism in place to address issues raised by the evaluation.

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

Staff Professional Development in Sustainability

Criteria

Institution makes available training and/or other professional development opportunities in sustainability to all staff at least once per year.

Separate training opportunities for each department would count for this credit, as long as each staff member has an opportunity to learn about sustainability at least once per year.

It is not necessary that each staff member attend such trainings; the credit is based on making training *available* to all staff.

This credit applies to staff members only; it does not include faculty members.

The following training opportunities are not sufficient for this credit:

- Specialized training for a small group of staff
- The opportunity to participate in an institutional sustainability committee or group

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

Sustainability in New Employee Orientation

Criteria

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

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

Employee Sustainability Educators Program

Criteria

Institution administers or oversees an ongoing faculty/staff peer-to-peer sustainability outreach and education program. In the program, employee sustainability educators are formally designated and receive formal training or participate in an institution-sponsored orientation. The institution offers financial or other support to the program.

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

Childcare

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

Employee Wellness Program

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

Socially Responsible Retirement Plan

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

Investment

This subcategory seeks to recognize institutions that make investment decisions that promote sustainability. Most institutions invest some of their assets in order to generate income. Together, colleges and universities invest hundreds of billions of dollars. Schools with transparent and democratic investment processes promote accountability and engagement by the campus and community. Furthermore, institutions can support sustainability by investing in companies and funds that, in addition to providing a strong rate of return, are committed to social and environmental responsibility. Investing in these industries also supports the development of sustainable products and services. Finally, campuses can engage with the businesses in which they are invested in order to promote sustainable practices.

Throughout this subcategory, the term “sustainable investment” is inclusive of socially responsible, environmentally responsible, ethical, impact, and mission-related investment.

Credit
Committee on Investor Responsibility
Shareholder Advocacy
Positive Sustainability Investments
Student-Managed Sustainable Investment Fund
Sustainable Investment Policy
Investment Disclosure

Committee on Investor Responsibility

Responsible Party

Donald Lindsey

Chief Investment Officer

Office of the Chief Investment Officer

Criteria

Institution has a formally established and active CIR or similar body that makes recommendations to the Board of Trustees on socially and environmentally responsible investment opportunities across asset classes, including proxy voting. The body has multi-stakeholder representation, which means its membership includes faculty, staff, and students and may include alumni, trustees, and/or other parties.

Institutions for which investments are handled by the university system and/or a separate foundation of the institution should report on the investment policies and activities of those entities.

A general committee that oversees the institution's investments does not count for this credit unless social and environmental responsibility is an explicit part of its mission and/or agenda.

This credit applies to institutions with endowments of US \$1 million or larger. Institutions with endowments totaling less than US \$1 million may choose to omit this credit.

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

Does the institution have a committee on investor responsibility or similar body that meets the criteria for this credit?

:

No

The charter or mission statement of the CIR or other body, which reflects social and environmental concerns, or a brief description of how the CIR is tasked to address social and environmental concerns :

Members of the CIR, including affiliations :

Recent examples (within the past 3 years) of CIR actions :

The website URL where information about the committee is available :

Shareholder Advocacy

Criteria

There are two possible approaches to earning this credit.

1) Institution filed or co-filed one or more shareholder resolutions that address sustainability or submitted one or more letters about social or environmental responsibility to a company in which it holds investments, during the previous three years.

and/or

2) Institution has conducted a negative screening of its entire investment pool within the last three years. This could take the form of prohibiting investment in an industry (e.g. tobacco or weapons manufacturing) or participating in a divestment effort (e.g. companies operating in South Africa during apartheid). The negative screen includes selling all but \$2,000 or less of the affected direct holdings and writing a letter to all fund managers encouraging them to remove affected holdings as well.

Institutions for which investments are handled by the university system and/or a separate foundation of the institution should report on the shareholder advocacy activities of those entities.

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

Positive Sustainability Investments

Responsible Party

Donald Lindsey

Chief Investment Officer

Office of the Chief Investment Officer

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:

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

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

Total value of the investment pool :

1300000000 US/Canadian \$

Value of holdings in sustainable industries, such as renewable energy or sustainable forestry :

70000000 US/Canadian \$

Value of holdings in businesses selected for exemplary sustainability performances :

0 US/Canadian \$

Value of holdings in sustainability investment funds, such as a renewable energy investment fund :

0 US/Canadian \$

Value of holdings in community development financial institutions (CDFIs) :

0 US/Canadian \$

Value of holdings in socially responsible mutual funds with positive screens :

0 US/Canadian \$

A brief description of the companies, funds, and/or institutions referenced above :

The endowment is invested in private equity funds that engage in sustainable farming as well as renewable energy, carbon offsets, and management and regeneration services used to control NO2 emissions for coal-fired plants.

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

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

Public Engagement

This subcategory seeks to recognize institutions that give back to their communities through community service, engagement, and partnerships. Volunteerism and the sense of compassion that community service helps develop are fundamental to achieving sustainability. From tutoring children to removing invasive species to volunteering at a food bank, students, faculty, and staff can make tangible contributions that address sustainability challenges through community service. Community engagement can help students develop leadership skills while deepening their understandings of practical, real-world problems. Institutions can contribute to their communities by harnessing their financial and academic resources to address community needs. For example, faculty research and courses can focus on how to address community problems. In addition, colleges and universities can offer incentives for their graduates to pursue careers that fill community needs, and schools can use their prominence to advocate for sustainability outside of their institutions.

Credit
Community Sustainability Partnerships
Inter-Campus Collaboration on Sustainability
Sustainability in Continuing Education
Community Service Participation
Community Service Hours
Sustainability Policy Advocacy
Trademark Licensing
Graduation Pledge
Community Service on Transcripts
Farmers' Market

Community Sustainability Partnerships

Criteria

Institution has formal partnership(s) with the local community, including school districts, government agencies, non-profit organizations, or other entities, to work together to advance sustainability within the community.

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

Inter-Campus Collaboration on Sustainability

Responsible Party

Sophie Waskow
Sustainability Project Facilitator
Office of Sustainability

Criteria

Institution collaborates with other colleges and universities to support and help build the campus sustainability community.

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with any questions on this credit.

"---" 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 :

GW has presented at the AASHE conference on our water sustainability strategy.

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

GW is a member of AASHE.

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

GW collaborates with area campus partners on sustainability through a group called "Metro DC Sustainability" that includes representatives from American, Georgetown, University of the District of Columbia, George Mason, and Johns Hopkins, among others. GW has hosted meetings for the group.

In addition, GW joined and helped to lead the charge on the DC Mayor's College and University Sustainability Pledge which was signed by all District-schools in February 2012. The District of Columbia Mayor's College and University Sustainability Pledge (CUSP) invites the District's institutions of higher education to commit to pursuing sustainability as engaged participants in the Mayor's ambitious goal [STARS Reporting Tool](#) | [AASHE](#) | [Sierra Magazine](#)

of making the District of Columbia the most sustainable city in America. The CUSP recognizes the critical leadership role of the District's colleges and universities in advancing sustainability on campus and in the community.

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

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/newsevents/dcmayorscollegeanduniversitiesustainabilitypledge>

Sustainability in Continuing Education

Criteria

Part 1

Institution offers continuing education courses that are focused on or related to sustainability.

Courses that can be taken for academic credit are not included in this credit. They are covered by the *Curriculum* subcategory.

Part 2

Institution has a sustainability-related certificate program through its continuing education or extension department.

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

Community Service Participation

Criteria

Institution engages its student body in community service, as measured by the percentage of students who participate in community service.

Institutions may exclude non-credit, continuing education, and/or part-time students from this credit.

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

Community Service Hours

Criteria

Institution engages students in community service, as measured by average hours contributed per full-time student per year.

Institutions may exclude non-credit, continuing education, and/or part-time students from this credit.

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

Sustainability Policy Advocacy

Criteria

Institution advocates for federal, state, or local public policies that support campus sustainability or that otherwise advance sustainability.

The policy advocacy must be done by the institution, not by students or a student group.

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

Trademark Licensing

Criteria

Part 1

Institution is a member of the Fair Labor Association or Worker Rights Consortium.

Part 2

Institution has signed on to participate in the Designated Suppliers Program.

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

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 Pursuing** so Reporting Fields will not be displayed.

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

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.

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

Innovation 2

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.

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

Innovation 3

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.

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

Innovation 4

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.

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

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

Shannon Ross

Stakeholder Engagement Coordinator
Office of Sustainability

Criteria

Institution provides details about how it incorporates sustainability into new student orientation.

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

Does new student orientation include presentations, speakers, or skits that address sustainability and take place in large venues that most or all first-year students attend? :

Yes

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

Welcome videos feature sustainability information, and the skits performed for incoming students weave in themes of sustainability.

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 :

The Office of Sustainability organizes trainings for all house proctors to educate them on sustainable living. The proctors relay this information to their residents during all-floor meetings.

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 :

There are green tours of campus held during orientation and students are encouraged to volunteer in the gardens on campus. Additionally students learn about the various green student groups available to them.

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 :

The Office of Sustainability partners with the Colonial Inauguration team to try to make each event as sustainable as possible. Reducing bottled water use, ensuring proper recycling and highlighting sustainable transportation options such as bike-share and metro are incorporated. Additionally students stay in the residence halls during orientation and information is left on their beds about recycling and conservation practices to participate in while they are staying in the rooms.

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

Provide a brief description :

Responsible Party

Shannon Ross

Stakeholder Engagement Coordinator
Office of Sustainability

Criteria

Institution provides education about eco-positive food and gardening techniques.

Submission Note:

<http://www.gwu.edu/explore/aboutgw/strategicinitiatives/sustainability/projects/sustainablefood>

"---" 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 :

Classes at GW may touch on issues of food and food production, and there are plans to expand this type of curriculum into the future. A list of current courses that touch on sustainability, health and food are:

1. AMST 0801: Sustainable Food taught by Phyllis Palmer -
2. GEOG 2133: People, Land and Food taught by David Rain
3. BISC 1005: Biology of Nutrition and Health taught by Hartmut Doebel and Tara Scully
4. EXSC 1114 Community Nutrition taught by Lisa Goodson
5. EXSC 2119 Basic Nutrition taught by Nancy Katz
6. HLWL 1116 Lifestyle Nutrition taught by Melissa Orman

Graduate

1. PubH 6482: International Food and Nutrition taught by Charles Teller and Uriyoan Colon-Ramos

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

Yes

Provide a brief description :

Labeling on prepared food at GW features information about sourcing and whether items are organic or local. In February 2012, the Office of Sustainability partnered with several student groups, Sodexo and Campus Dining to host a Meatless Mondays promotion month long. During the month students received information about the health and environmental benefits of eating meatless, and they earned stamps on a punch card towards raffle prizes.

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

Yes

Provide a brief description :

The student group the Food Justice Alliance is the most active sustainable-food group on campus. Through their work with two on-campus gardens they help to promote eco-friendly food to their peers. Additionally through engagement activities during orientation, students learn about the different food options. GW's card program is accepted at numerous healthy-vendors including Whole Foods, Sweet Green (organic and local-friendly salad bar). New in 2012, the card is also accepted at the neighborhood farmer's market which runs from April-November.

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

Yes

Provide a brief description :

The Urban Food Task Force unites faculty, students, staff, and volunteers who share an interest in healthy eating, sustainable food production and food policy.

Under the leadership of President Knapp's wife, Diane Robinson Knapp, who is a nutritionist, the task force is working to identify and recommend ways to support scholarship, instruction and information on sustainable urban food policies, healthy eating and food preparation, and healthy and sustainable food choices for students, faculty and staff.

With events like George Washington's annual Apple Day, in which teachers give apples to students, and the Eye on Food film series, the task force is also expanding and communicating knowledge of healthy foods, food preparation, on-campus food choices, the carbon 'food-print,' composting, edible landscaping and sustainable eating.

Another key achievement is a partnership with Founding Farmers to study honey bees at six new hives on the Foggy Bottom Campus, advancing George Washington research and biology studies – and eventually yielding honey for the restaurant.

The Graduate School of Education and Human Development is also working on developing and implementing a public school curriculum that uses food as a central organizing theme for inspiring and informing young students engaged in the study of science, history, and many other fields.

Additionally, the university chef has hosted several "Ask the Chef" sessions to highlight healthy cooking preparation methods, and will host a cooking demonstration in summer 2012.

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 GroW Gardens

GW is home to two gardens on campus - GroW on Foggy Bottom and GroW on the Vern. Both gardens are collaborative projects that bring together students, faculty, staff and the community to engage in growing food in an urban environment. The gardens are the 2011 recipient of a Nature's Path Gardens for Good grant, and the award will be used to expand and enhance GW's existing gardens. All of the produce from the gardens is donated to Miriam's Kitchen, a local soup kitchen in the area. The Food Justice Alliance (more information below) has been instrumental in seeing these projects take form. [View a video about the gardens here.](#)

Food and Beverage Purchases

Responsible Party

Nancy Haaga

Managing Director, Campus Support Services
Campus Support Services

Criteria

Institution provides details of its food and beverage purchases.

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

"---" 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 :

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

8

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

GW uses an internal mapping tool to show where all produce purchased originates

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

The percentage of total food and beverage expenditures spent by dining services to procure items from on-campus organic garden(s) :

0

List all Fair Trade certified items purchased :

Aspretto Coffee Program

Confinement-Free Food Purchases

Responsible Party

Nancy Haaga

Managing Director, Campus Support Services
Campus Support Services

Criteria

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

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this topic.

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

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

Michael's

Percentage purchased :

Comments :

We use \$100,000 worth of eggs per year.

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

Percentage purchased (1st product) :

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

Responsible Party

Nancy Haaga

Managing Director, Campus Support Services
Campus Support Services

Criteria

Institution provides details of its vegetarian-fed animal product purchases.

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this topic.

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

Type of vegetarian-fed product purchased (1st product) :

Pork

Percentage purchased (1st product) :

Comments (1st product) :

All of our pork products are grain fed

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

Seafood

Percentage purchased (2nd product) :

Comments (2nd product) :

Some of seafood is vegetarian

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

Percentage purchased (3rd product) :

Comments (3rd product) :

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

Percentage purchased (4th product) :

Comments (4th product) :

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

Percentage purchased (5th product) :

Comments (5th product) :

Hormone-Free Food Purchases

Responsible Party

Richard Yokeley
Residence District Manager
Campus Dining

Criteria

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

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

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

Percentage purchased (1st product) :

Comments (1st product) :

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

Percentage purchased (2nd product) :

Comments (2nd product) :

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

Percentage purchased (3rd product) :

Comments (3rd product) :

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

Percentage purchased (4th product) :

Comments (4th product) :

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

Percentage purchased (5th product) :

Comments (5th product) :

Seafood Purchases

Responsible Party

Nancy Haaga

Managing Director, Campus Support Services
Campus Support 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.

Submission Note:

Sodexo's seafood initiative is part of the organization's Better Tomorrow Plan. The commitment to source 100% sustainable seafood is one of fourteen commitments to the environment, health, and local communities.

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this topic.

"---" 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) :

Shrimp

Percentage purchased (1st product) :

Standard used (1st product) :

MSC and Global Aquaculture Alliance

Comments (1st product) :

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

Tilapia

Percentage purchased (2nd product) :

Standard used (2nd product) :

MSC and Global Aquaculture Alliance

Comments (2nd product) :

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

Mussels

Percentage purchased (3rd product) :

Standard used (3rd product) :

MSC and Global Aquaculture Alliance

Comments (3rd product) :

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

Cod

Percentage purchased (4th product) :

Standard used (4th product) :

MSC and Global Aquaculture Alliance

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) :

Clams and Mussels

Percentage purchased (5th product) :

Standard used (5th product) :

Comments (5th product) :

Responsible Party

Nancy Haaga

Managing Director, Campus Support Services
Campus Support Services

Criteria

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

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this topic.

"--- " 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? :

Provide a brief description. :

Reusable dishware is available at the Mt Vernon campus, and recycled content dishware is available campus-wide. All student dining is reusable, compostable, or recycled. By request only, plastic is available, and is used by 25% of catered events.

Responsible Party

Doug Spengel

Manager, Energy and Environment Program
Operations

Criteria

Institution provides details about its energy initiatives.

Submission Note:

The University uses EPA's Energy Star Portfolio Manager to benchmark energy and water usages for most buildings, as required by District of Columbia regulations. Some buildings have appropriate scores for Energy Star labeling but in general the University has not formally pursued the label.

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this topic.

"---" 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 :

14

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

1

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

1.50

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

0.00

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 :

None at this time.

The combined gross square footage of all buildings that are ENERGY STAR labeled :

0

The names of all buildings that are ENERGY STAR labeled :

None at this time.

Energy Use by Type

Responsible Party

Doug Spengel

Manager, Energy and Environment Program
Operations

Criteria

Institution reports its energy use by type.

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this topic.

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

The percentage of total electricity use from coal. :

44.80

The percentage of total electricity use from wind. :

1.60

The percentage of total electricity use from biomass. :

4.15

The percentage of total electricity use from natural gas. :

11.77

The percentage of total electricity use from solar PV. :

0.05

The percentage of total electricity use from geothermal. :

0

The percentage of total electricity use from nuclear. :

32.92

The percentage of total electricity use from hydro. :

1.58

The percentage of total electricity use from other. :

3.13

Provide a brief description. :

Other sources include solid waste (2.64), captured methane (0.24), and oil (0.25).

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

0

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

0

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

8

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

91.90

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

0

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

0.10

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

0

Provide a brief description. :

In FY11 the University had one remaining building heated only by oil but that ended during FY12 when that boiler was replaced by one that uses natural gas.

If cogeneration, please explain. :

Responsible Party

Mark Ellis
Sustainability Project Facilitator
Office of Sustainability

Criteria

Institution provides details about its procurement efforts.

Submission Note:

ENERGY STAR appliances:

The university is purchasing Energy Star-rated products where available. For example, GW's Procurement team only recommends to end users Energy Star appliances (this does not include specialized lab equipment or commercial kitchen appliances). Additionally, new residential buildings are specified with Energy Star appliances such as dishwashers, laundry washers, and refrigerators. GW is committed to buying computer equipment with an Energy Star rating. This applies to both GW's data center and computing labs. Additionally, GW recommends that students purchase personal computers which have an Energy Star rating. Efforts are underway to develop and implement a tracking system for Energy Star purchases.

EPEAT:

GW does not have a policy to only purchase computer devices with an EPEAT standard, but in practice over 95% of the machines we have purchased are models listed as EPEAT gold level. For non-computer devices, Energy Star rated items are suggested and purchased in virtually all conditions.

FSC paper:

The recycled paper that GW divisions and departments purchase does come with the FSC certification.

Although GW has a centralized purchasing application, there are options to make purchases outside of this system. Given this, GW does not have complete accuracy regarding percentage of expenditures. However, within the centralized procurement tool, of a total adjusted gross sales for 2011 of \$1,085, 929.80, \$74,261.06 was spent of FSC paper. Therefore, 6.84% represents the approximate percentage of expenditures on FSC certified paper.

Packaging Policy:

GW has a few contracts that minimize packaging waste - these contracts are large cooperative contracts that have as part of their terms and conditions, the requirement to reduce packaging waste. Office supply deliveries are made via UPS, leveraging existing deliveries already being made on campus for all other items arriving via UPS.

Please see additional information about GW's work in developing a sustainable procurement policy in early sections of this survey.

Please contact Shannon Ross at

shannonross@gwu.edu

with questions on this topic.

The percentage of institutionally purchased appliances that are ENERGY STAR rated (of eligible appliance categories) :

Does the institution have a policy to purchase ENERGY STAR appliances whenever possible? :

Yes

The percentage of expenditures on Forest Stewardship Council (FSC) certified office paper (US/Canadian dollars) :

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

No

Bike Sharing

Responsible Party

Shannon Ross

Stakeholder Engagement Coordinator
Office of Sustainability

Criteria

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

Submission Note:

In partnership with Capital Bikeshare, a bikesharing program run through the city of Washington DC, GW currently offers 50 bicycles to staff and students in two locations on campus. There are an additional 55 bicycles also through this program available within a short walk from campus.

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

The number of bicycles available through bike sharing programs :

50

Responsible Party

Sophie Waskow
Sustainability Project Facilitator
Office of Sustainability

Criteria

Institution provides details about its water initiatives.

Submission Note:

In 2011, GW released the GWater Plan, a roadmap for water sustainability. GW committed to reducing the use of bottled water on campus, and specifically to reducing direct expenditure on bottled water in university procurement by half over five years from an FY11 baseline. To accomplish this, GW is ensuring that all new constructions and renovations incorporate in-line filtration systems. Additionally GW works on engagement and education activities to encourage the community to “Take back the tap” and promote the use of reusable water bottles. Progress includes the installation of filters on water fountains in the law school, the installation of two bottle fillers on the Mount Vernon Campus, and numerous installations of in-line filtration systems in offices. GW continues to explore new technologies and is working on an overall campus retrofit plan for water fixtures including toilets and urinals to meet its target of reducing total potable water consumption by 25% over 10 years from FY08 baseline.

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this topic.

"---" 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 :

See below

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

Yes

The percentage of urinals on campus that are waterless :

0

Endowment

Responsible Party

Donald Lindsey

Chief Investment Officer

Office of the Chief Investment Officer

Criteria

Institution provides details about its endowment.

Submission Note:

Over the past year the endowment has moved away from primarily pooled or mutual funds to separately managed accounts. The Chief Investment Officer is now working with The Office of Sustainability to study best practices and draft a proxy voting policy. In addition, we are obtaining informatoin from our investment managers as to how proxy resolutions in 2012 were voted. We expect to have a policy in place by the 4th quarter of 2012.

GW has a Corporate Governance Committee of The Board of Trustees but they do not deal with proxy voting issues.

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this topic.

"---" 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 :

1329700000 US/Canadian \$

Date as of :

June 30, 2011

Does the institution offer donors the option of directing gifts to an investment fund that considers environmental/sustainability factors? :

No

If yes, or if currently under consideration, provide a brief description :

Has the institution made investments in on-campus energy and/or water efficiency projects through the endowment (as an endowment investment and not a payout or using operating budget funds) :

No

Size of capital commitments made within past 3 years :

Provide a brief description :

Does institution lack the ability to vote proxies on environmental and social resolutions, as the entire equity holdings of the endowment are invested in mutual funds (e.g. CommonFund, Fidelity, Vanguard)? :

No

Does the institution lack the ability to vote proxies on corporate governance resolutions, as the entire equity holdings of the endowment are invested in mutual funds (e.g. CommonFund, Fidelity, Vanguard)? :

No

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

Yes

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

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

Meghan Chapple-Brown

Director of Sustainability, Senior Advisor on University Sustainability Initiatives
Office of Sustainability

Criteria

Institution reports the amount of weekly time worked by people employed in the sustainability office, if applicable (in full-time equivalent).

Submission Note:

Please contact Shannon Ross at
shannonross@gwu.edu
with questions on this credit.

"---" 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) :

300

FTE staff on payroll :

5

FTE student intern/fellow :

3