

UIS Green Project Letter of Intent- Step 1

To complete your Green Project Letter of Intent, download this word document and type all answers to the questions below. Save your completed word document as a new file.

Once completed and saved to your device, return to the Green Projects website at <http://www.uis.edu/greenprojects/get-involved/>

Click the hyperlink titled, **“Submit your completed UIS Green Project LOI”**
This can be found under **Step 1** of the “Submit a Green Project Proposal” section.

You will be redirected to an external WebQ. Upload your completed application by the deadline which can be found in the **“Timeline”** section of the Green Projects website.

If you have any questions regarding the application or submission process, please contact us at greenprojects@uis.edu.

Project Name: UIS Photocells

Contact Information:

Project Team

<i>Name</i>	<i>UIS Student/Faculty/Staff & Department (or Office)</i>	<i>UIS Email</i>	<i>Phone #</i>
Salomé Wortman	Sustainability Coordinator	swort2@uis.edu	

Organization/Affiliation: Green Fee Committee

Project Information:

Please provide a brief description of the project. What are the goals and the desired outcomes of the project?

The goal of this project is to fund photocells on outdoor campus lights to reduce light pollution and increase energy efficiency by detecting outdoor lighting levels instead of working on a timer. The desired outcome of this project is primarily to reduce light pollution on campus.

Please describe why this project matters to you and how it relates to sustainability.

Light pollution has been documented to impact animal behaviors and can affect human sleep schedules and experiences with the night sky. Additionally, energy efficiency is an important part of sustainability as inefficient energy usage leads to more exploitation of fuel sources for use that is ultimately wasted. This can save money on energy in campus, while providing a better experience for students while still ensuring safety.

Where will the project be located?

Ideally across all outdoor lighting fixtured on campus; however, working through multiple areas to fit within the GFC budget is more realistic.

Please provide a brief summary of how students will be involved in or affected by the project:

Students affected by this will be less affected by lights on at inopportune times, while still enjoying the safety benefits of having lights on at night.

Please provide a brief summary of the project timeline (Most approved projects are proposed in the Fall and implemented in the Spring)

Depends on how much budget is allocated towards this project. If max, then proceed to upgrade outdoor areas on parking lots or where pedestrians are often. If not max, determine which areas would most benefit from photocell installation with Facilities.

A brief summary of total project timeline and key milestones

Please provide a brief itemized breakdown of the funds needed.

~\$300 per photocell. Labor covered by facilities. \$15,000 to cover 50 lights across parking lots and main pedestrian photocells. Scalable depending on budget.

We will help you factor in the cost of labor and installation. If you have a plan for where you would like to purchase supplies from, provide it here and include a URL link to each item on the desired retailer's website.

Do you have any suggestions for how we could measure the success of this project?

Energy usage measurement across years; measures of how much time an outdoor light is on versus indoor lighting.

Additional comments:

My apologies if this LOI is rough. I'm sick while writing it before the deadline 😞. Will be much more polished if it works out