**Project Title:** Designing a Hydroponic System for the OSE

**Project Description:** Build an aquaponic or hydroponic system in the Office of Sustainability and the Environment’s new location.

**Background:** As the Office of Sustainability and the Environment moves into our new home in Jessup Hall, we will be looking for ways to incorporate nature-based design and showcase our student talents. We would love to have a green wall or small hydroponic system in the Office.

If you have an understanding of building green walls, or are in a class that would give you credit for designing and building this system and reporting on its utility, you would be a great fit for this project.

**Helpful Readings:**

How to Create A Living Wall <https://www.hgtv.com/outdoors/gardens/garden-styles-and-types/how-to-create-a-living-wall>

Hydroponic Systems 101 <https://www.fullbloomgreenhouse.com/hydroponic-systems-101/>

**Desired Outcomes:**

* A green wall or small hydroponic system, supplemented by a written report or visual presentation on the concept of vertical farming or hydroponics, and/or instructions for maintenance.

**Potential Collaborators/Stakeholders:**

* Office of Sustainability and the Environment
* Local hydroponic growers
* UI Gardeners

**Evaluation:**

* Successful design of a system.

**Course Relevance:**

* Intro to Sustainability, Sustainable Systems, etc.