



## Soil and Water Internship

Are you interested in real world applications of environmental research? The Sustainable Agriculture Project at GVSU offers rewarding internships that expose students to practical, hands-on knowledge while encouraging creativity.

### **Position Summary:**

The Soil and Water Intern will learn how to research, design, and implement sustainable soil and water systems into the SAP. The successful applicant will test and monitor soil and water, and record data, to build an ongoing understanding of soil and water quality at the SAP. The intern will also utilize sustainable practices to manage and maintain healthy soils at the SAP. The position will allow the intern to foster a deep understanding of sustainable food systems.

### **Qualifications:**

- Commitment to fully utilize the internship as a learning experience
- Tolerant of working outside in all weather conditions
- Most relevant majors for this position are Natural Resource Management, Biology, Chemistry, and Environmental Studies, but all majors are welcome to apply

### **Special Project Opportunity:**

Interns will have the opportunity to pursue independent research projects to enrich their academic experience, such as:

- Exploring soil and water conserving tillage practices
- Researching soil amendments and nutrient management
- Employing water-saving irrigation techniques
- Utilizing cover crops, green manures, and mulches
- Other projects are possible depending upon the intern's interests

### **Interns Will Learn to:**

- ❖ Demonstrate an understanding of the complexities and approaches of sustainable food systems
- ❖ Recognize the impact of barriers to food access in our community
- ❖ Describe the importance of agriculture in the economy
- ❖ Follow all appropriate food safety procedures
- ❖ Analyze the strengths and limitations of small-scale farming
- ❖ Apply appropriate tools and technology for sustainable agriculture