Stormwater Program Summer Internship Purpose

Purpose:
To provide experiential learning opportunities and practical work experience for undergraduate students to explore career interest, develop skills, and develop professional relationships in the water resources field.

Objectives

• Internship will take place in a physical and social environment conducive to community engagement, learning, and professional growth
• Utilization of technical skills obtained during undergraduate studies
• Produce deliverables that satisfy the Marine Extension and Georgia Sea Grant Stormwater program objectives that can also be used as professional design portfolio samples
• Reflect on experiential and service-learning opportunities as part of the internship

Program Description

The Stormwater Program Summer Internship program is designed to provide a structured, short-term work assignment with the Marine Extension and Georgia Sea Grant’s Stormwater program. The program is designed to help enhance skills learned in a classroom setting and provide diverse opportunities for application of those skills through experience working under the direct supervision of a license professional water resources engineer. The work is designed to supplement, enhance, and utilize the selected undergraduate student’s background, expand their technical abilities, and promote their educational development. Opportunities include field assessment, hydrologic/hydraulic modeling, monitoring of stormwater green infrastructure, blue/green infrastructure design, project management, and active construction/implementation of stormwater management features.

Requirements

- 8-10 weeks/32-35 hours per week, 250+ hours of experiential learning
- Internship assessments (Pre- and Post-assessments)
- Function as a team member of the Marine Extension and Georgia Sea Grant faculty, staff, and intern team
- Must satisfy all requirements for seasonal, temporary hourly employee of the University of Georgia OR undergraduate student worker. Undergraduate student workers must be enrolled in classes prior to and post internship and be able to provide enrollment documentation
- Participant must complete all specified trainings and the Brunswick Station Experience (1-day introduction with Marine Extension and Georgia Sea Grant programs)

Deliverables & Learning Objectives

• Write a personal development plan
• Assist in the Development of Project Strategies
  o Learning Objectives: Engineering project planning and schedules of work, including procedures, time, and cost constraints
• Conduct Field Work
Learning Objectives: Gain skills for identifying and assessing stormwater green infrastructure (GI) low impact development (LID) practices in the field

- Input and Analyze Field Data
  - Learning Objectives: Develop “Desktop Analysis” skills for the assessment and analysis of GI/LID Projects

- Attend and participate in partner meetings
  - Learning Objectives: meeting planning, active listening skills, developing an agenda, facilitation, meeting minutes, and presentation skills

- Participate in project reporting activities
  - Learning Objectives: gain technical writing skills, introduction to grant funding

**Supervisor:**

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