



Creating ecological solutions through innovative engineering

Land Stewardship Summer Intern

Wildlands Engineering is seeking a motivated individual to assist our growing Charlotte team through a land management summer intern position. We are looking for a student enrolled in a B.S. or M.S. program for environmental or biological sciences, civil or environmental engineering, landscape architecture, horticulture, forestry, or related applicable scientific or engineering discipline. The position is a paid, full-time, hourly internship.

Company Information

Wildlands Engineering, Inc. was founded in 2007 and focuses on stream and wetland restoration, watershed planning and assessment, and water quality management. With offices in North Carolina, South Carolina, and Virginia, Wildlands Engineering provides water resources engineering, ecosystem restoration, mitigation banking, and consulting services to an array of clients, including local and state government and conservation organizations. Our dedicated, motivated, and highly-trained team has experience in all aspects of stream and wetland restoration, watershed planning and assessment, and water quality management. Wildlands Engineering is committed to a watershed and ecosystem approach to ecological restoration and water quality management, and we provide exceptional services to our clients in an uncompromisingly ethical, innovative, and time-sensitive manner.

Major services provided include:

- Stream, Wetland, and Habitat Mitigation
- Stream and Wetland Restoration
- Water Quality Management and Mitigation
- Watershed and Environmental Planning
- Stormwater Management

Job Description

BASIC FUNCTIONS:

Assist with stream and wetland buffer conservation easement maintenance and monitoring. Activities would involve invasive species surveying, GIS mapping, invasive plant treatments, southeast native plant identification, and researching regenerative buffer revegetation methods.

ESSENTIAL FUNCTIONS:

1. Ability to communicate effectively in both verbal and written formats with individuals or groups.
2. Ability to work across several offices in a fast-paced environment and manage multiple priorities while meeting deadlines.
3. Ability to demonstrate problem solving using creative solutions.
4. Ability to exercise discretion, pragmatic judgment, and interact effectively with all levels of personnel.
5. Occasional overnight travel.

RESPONSIBILITIES:

1. Mapping invasive plant population using Collector and ArcGIS.
2. Prepare invasive management plans for project managers.
3. Assist with removal and treatment of invasive species.
4. Assist with site preparation of stream buffer plantings.
5. Research restorative techniques for revegetation of stream buffers.

6. Monitor constructed stream restoration features and assist in necessary repairs.

EDUCATION:

Two or more years of education with a minimum 3.0 GPA and an interest in natural resources, horticulture, ecology, earth science or agroforestry.

EXPERIENCE / SKILLS:

1. Willing to work in rural settings in the vicinity of livestock.
2. Ability to work both independently and with others in the field.
3. Experience working with plants.
4. Knowledge of whole systems design and holistic management systems.
5. Use of ArcGIS, Collector, ArcPro for invasive species surveying.
6. Interest in WNC Blue Ridge, Foothill, Piedmont bioregional ecology.
7. PC/Windows-based software experience required with proficiency in Word and Excel.

PHYSICAL DEMANDS:

1. Up to ten hours of intermittent standing or walking outside on unlevelled ground in a workday.
2. Ability to easily lift up to 50 pounds.
3. Ability to safely use power and hand tools.
4. The requirements of the job and the physical demands are frequently performed in outside weather conditions with frequent exposure to wet/humid conditions and extreme heat or cold.

EXEMPT / NON-EXEMPT: Non-Exempt

PLEASE SEND RESUME AND COVER LETTER BY February 3, 2020 TO:

Wildlands Engineering- Land Stewardship Intern, 1430 S. Mint Street, Suite 104, Charlotte, NC 28203
resumes@wildlandseng.com.

The cover letter should identify your area of study, any relevant software or previous work experience, why you are interested in this position, your approximate available work dates for summer 2020, and any other information that you feel is important. Please be prepared to provide contact information for two references, if requested.

Wildlands Engineering, Inc. is an equal opportunity employer and maintains a drug-free workplace.