



*Creating ecological solutions through innovative engineering*

## **Land Stewardship Summer Intern**

Wildlands Engineering is seeking a motivated individual to assist our growing Raleigh team through a Land Stewardship Summer Intern position. We are looking for a student enrolled in a B.S. or M.S. program for environmental or biological sciences, landscape architecture, horticulture, forestry, or related applicable scientific or engineering discipline. The position is a paid, full-time, hourly internship that is largely field based.

### **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**

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#### **BASIC FUNCTIONS:**

The Land Stewardship Intern will assist with land management activities on stream, wetland, and mitigation buffer restoration projects. The Land Stewardship Intern will work closely with the Stewardship team at Wildlands Engineering to perform and document land management activities for restoration of wetland and riparian habitats. The Land Stewardship Intern may also be required to drive vehicles and work independently in the field. Activities could involve invasive species management, GIS mapping, streambank stabilization, plant identification, land management activities and review of relevant research in restoration ecology.

#### **ESSENTIAL FUNCTIONS:**

1. Ability to communicate effectively in both verbal and written formats with individuals or groups.
2. Ability to safely perform physical labor while outdoors in adverse conditions.
3. Ability to manage multiple projects while meeting deadlines.
4. Ability to demonstrate problem solving using creative solutions.
5. Ability to exercise discretion, pragmatic judgment, and interact effectively with all levels of personnel.
6. Ability to safely handle herbicide and hand tools.
7. Assist in performing conservation easement monitoring activities.

**RESPONSIBILITIES:**

1. Land management data collection and processing using ESRI software.
2. Monitor for and assist in vegetation management.
3. Assist with site preparation of stream buffer plantings.
4. Assist in vegetation enhancement with applications of seed, soil amendments, and erosion control measures.
5. Research restorative techniques for revegetation and stabilization of stream buffers.
6. Monitor and maintain constructed stream restoration features.

**EDUCATION:**

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

**EXPERIENCE / SKILLS:**

1. Excellent verbal and written communication skills.
2. Willing to work in rural settings in the vicinity of livestock.
3. Ability to work both independently and with others in the field.
4. Knowledge of southeastern native and exotic plants.
5. Knowledge of natural communities and ecological principles.
6. Familiarity with ESRI products such as ArcPro, ArcGIS Online and Collector preferred.
7. Have a valid driver's license.
8. 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 unlevel ground in a workday.
2. Ability to lift 50 pounds or carry heavy objects.
3. Ability to safely use herbicides and hand tools or willingness to learn.
4. The requirements of the job and the physical demands are frequently performed outdoors with exposure to insects, poison ivy and adverse weather.

**EXEMPT / NON-EXEMPT:** Non-Exempt

**PLEASE SEND RESUME AND COVER LETTER BY January 7, 2022 TO ONE OF THE FOLLOWING:**

**Email (preferred method):** [resumes@wildlandseng.com](mailto:resumes@wildlandseng.com); subject line: Land Stewardship Summer Intern

The cover letter should identify your area of study; any relevant coursework, software or previous work experience; why you are interested in this position; your approximate available work dates for Spring/summer 2022; and any other information that you feel is important. Please be prepared to provide contact information for two references, if requested.

*Wildlands Engineering, Inc. provides equal employment opportunity without regard to race, color, religion, age, national origin, sex, sexual orientation, gender identity/expression, disability, veteran status, genetic information, or any other basis protected by federal, state, or local laws.*

*Wildlands Engineering, Inc. maintains a drug-free workplace.*