

## Environmental Horticulturist

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### Position Overview:

Biodiversity and landscape management are critical pieces of a comprehensive sustainability plan for the University of Idaho. Some endorsed goals involving our campus landscape include becoming both a certified Bee Campus and achieving Audubon Cooperative Sanctuary Program for Golf (ACSP) certification for our golf course. In coordination with golf course management, this position will be responsible for obtaining and maintaining Audubon certification. In coordination with facilities, this position will be responsible for obtaining and maintaining Bee Campus certification. Consequently, this position will help to manage campus plants and native habitat in an environmentally-friendly manner.

### Duties may include:

- Identify, evaluate, and augment the campus's natural habitat and current plantings
- Determine proper selection, placement, and care of University of Idaho landscape plants with an emphasis on genetically-diverse drought-, heat/smoke-, pest-, fire-resistant and native landscape plants
- Identify horticultural strategies that enhance wildlife habitat and native pollinator populations, native ecosystem biodiversity, abatement of air and water pollutants, carbon sequestration, erosion control, and other critical ecosystem services while maintaining campus beauty
- Assess the water quality of waterways near the campus golf course
- Work with Facilities Operations and golf course staff to create an Integrated Pest Management Plan for campus
- Work with Facilities Operations and Architectural and Engineering Services to create a campus landscaping standard
- Work with the Office of Sustainability to design educational materials related to the campus landscape and golf course
- Serve on the Campus Pollinator Committee
- Assist with landscape maintenance, restoration, and design for native campus plantings
- Install, transplant, and prune native plants and weed native plant beds
- Identify, evaluate, and treat potential pests and diseased plants in an environmentally-friendly manner
- Create an implementation plan to identify and remove invasive species
- Provide plant care advice to other team members and clients
- Keep records on campus plantings
- Assisting with campus composting program
- Other duties as assigned

### Required Experience:

- At least four years working to manage a landscape in an environmentally-friendly manner

### Required Education:

- Bachelor's degree in horticulture, floriculture, plant science, botany, agronomy, landscape architecture, environmental science, sustainability, or a related field. Four years of additional related work may substitute for education.

### Additional Preferred Qualifications:

- Experience with the Palouse region's growing conditions, native species, and environment
- Campus planning or public gardens experience
- American Society for Horticultural Science (ASHS) Certification

- Knowledge of ACSP certification process
- Knowledge of Bee Campus certification standard

**Physical Requirements and Working Conditions:**

- Extensive physical activity required. Applicants should be able to lift over 50 pounds
- Valid driver's license
- Work will be 75% outdoors in potentially inclement (very hot, very cold, or very wet) conditions
- Bending and stooping will be regularly required
- Working on uneven/ slope/ slick conditions
- Working with power tools