Residential Landscape Design and Construction, BS

Department: Plants, Soils, and Climate Department
College: College of Agriculture and Applied Sciences

Overview

About This Degree

The residential landscape design and construction major deals with design, construction, and maintenance of residential and small-scale commercial landscapes. USU offers the only program of this kind in the state.

In this major, students receive a well-rounded education that integrates aesthetic design with applied installation and maintenance skills. Students gain hands-on experience designing and planning landscape projects in addition to pouring concrete, planting trees, shrubs, and flowers, and all aspects of small-scale residential landscape production from start to finish.

The core curriculum includes preparatory courses in chemistry, mathematics, biology, design, and graphics. Required program courses emphasize the plant sciences, soil sciences, design, and construction.

Distance Education

The BS in residential landscape design and construction is available through USU's Regional Campuses and Distance Education program.

Career Options

With a degree in residential landscape design and construction, students can pursue the following careers:

- Working for nurseries and greenhouses
- Owning private landscaping businesses
- Designing gardens, lawns, and other small landscapes
- Designing and landscaping for private residences and businesses

Career Services provides counseling and information on hundreds of job and internship opportunities and even helps students apply and interview.

What it takes

Admissions Requirements

In addition to Utah State University's admissions requirements, the residential landscape design and construction program has additional requirements:

- **Freshman:** New freshmen admitted to USU in good standing qualify for admission to this major.
- **Transfer Students:** Transfer students from other institutions and students transferring from other USU majors need a 2.5 total GPA for admission to this major.

International students have additional admissions requirements.

Major Requirements

Click here to see course requirements for the **Bachelor of Science**.

All students must complete an internship that is between one and four credits.

Contact

Advising

All new USU students participate in a New Student Orientation program, where they receive detailed information about major requirements, registering for classes, and other important advising information.

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Get Involved

Professional Organizations, Honor Societies, and Clubs

AG-ri-CULTURE Club: This club provides students opportunities to learn from and network with fellow students and professionals from various agriculture-related fields. Professionals from the industry give lectures at club meetings throughout the year, providing students with valuable knowledge and career opportunities. Lectures are diversified so the club is open to students from all of the departments in the college as well as any students that want to learn about agriculture. This club exists to diversify and broaden students thinking by talking about many different disciplines in agriculture and bringing in real-world experience from professionals throughout the industry.

Plant Science Club: This club provides a means for students to meet together, build relationships, and participate in worthwhile projects. The club conducts fundraising projects, such as growing and selling plants and flowers, to finance student competitions and trips to areas of interest throughout the western United States. The Plant Science Club is also involved in service activities.

Labs, Centers, Research

With the second oldest undergraduate research program in the nation, USU offers students a wide range of opportunities to gain hands-on research experience. The Undergraduate Research and Creative Opportunities program allows students to apply for grants and receive funding. USU's Honors Program prepares students for excellent graduate programs by helping them build relationships with professors, participate in research projects, take smaller, more intensive classes, and develop leadership skills.

D. Craig Aston Teaching Park: The D. Craig Aston Park is adjacent to the Dale and Adele Young Teaching Greenhouses, creating a horticulture laboratory teaching cluster. The D. Craig Aston Park is an outdoor teaching laboratory where students in the landscape construction and maintenance courses can learn skills through hands-on experience. Each year students are involved in site preparation, plant installation, and designing and building garden structures. Over time, the land will be completely developed through the activity of laboratory classes. The experience students gain is invaluable to them as they enter the landscape industry.

Dale and Adele Young Teaching Greenhouses: This facility contains some 3,000 square feet of greenhouse space, head house space for propagation and potting, as well as a classroom for horticulture instruction. Here, students gain hands-on experience in greenhouse operation and management. Greenhouse management lectures and labs occur here as do the laboratory experiences for plant propagation. During the spring semester, students grow bedding plants, and in the fall they grow poinsettias.

Utah Botanical Center: The UBC, located in Kaysville, Utah, is home to research and demonstration projects focused on sustainable living in the Intermountain West. Studies of water conservation, horticulture, water quality enhancement, wetland ecology, integrated pest management, urban forestry, agriculture, fish and wildlife, highway enhancement, and storm-water management combine to make the center a living laboratory.

Utah Center for Water Resources Research: The UCWRR facilitates water research, outreach, design, and testing elements within a university environment that supports student education and citizen training.

Water Initiative: Utah State University supports a broad community of students and faculty engaged in water education, research, and outreach. The USU Water Initiative provides an overarching umbrella for the activities of this community aimed at fostering interdisciplinary collaboration and collegial sharing of ideas related to water across the departments and colleges of USU.