

## Admission Requirements For This Major

1. New freshmen admitted to USU in good standing qualify for admission to this major.
2. Transfer students from other institutions need a 2.5 transfer GPA and students transferring from other USU majors need a 2.5 total GPA in courses required for this major to be accepted in good standing in Residential Landscape Design and Construction.

## The Program

Residential Landscape Design and Construction deals with design, construction, and maintenance of residential and small-scale commercial landscapes. This design-based major prepares students for the profession of landscape design. Graduates of this program will be prepared to practice landscape design upon completion of the degree requirements. All courses used to fill major requirements must be taken on an *A-B-C-D-F* basis. A minimum 2.5 GPA is required for courses used for the major. Transfer students are required to take at least 18 credits of major subject courses in residence at USU. A minor may be earned in Agronomy, Crop Biotechnology, Horticulture, Ornamental Horticulture, or Soil Science, for which a minimum of 16 approved credits are required. All courses must be taken on an *A-B-C-D-F* basis and passed with a grade of *C-* or better.

## Career Opportunities

Through the Residential Landscape Design and Construction (RLDC) Major, students are prepared for careers in the design, construction, and maintenance of residential and small-scale commercial landscapes. Within these career areas, students will foster sustainable water-conserving landscape development by consumers. The overall curriculum strives to balance both landscape horticulture and landscape design. The core curriculum includes preparatory courses in chemistry, mathematics, biology, design, and graphics. Required program courses emphasize the plant sciences (i.e., plant materials, landscape management, weed control, and turfgrass management), soil sciences (fundamentals of soil science, soil reclamation, and remote sensing), and design/construction (i.e., residential landscape design, irrigation design, bidding and estimating, landscape construction, computer-based design, and water conservation). The RLDC Major is complementary to the existing undergraduate program in Landscape Architecture and Environmental Planning.

## Degrees and Programs Offered Through This Department

### Bachelor of Science (BS):

- Crop Science
- Horticulture
- Environmental Soil/Water Science
- Residential Landscape Design and Construction

### Master of Science (MS) and Doctor of Philosophy (PhD):

- Plant Science
- Soil Science
- Biometeorology
- Ecology

### Master of Professional Studies in Horticulture (MPSH)

### Associate of Applied Science (AAS) and One-year Certificate:

- Ornamental Horticulture

## Graduation Requirements: BS Degree in Residential Landscape Design and Construction

### Minimum University Requirements\*

Total credits . . . . .	120
Grade point average (most majors require higher GPA) . . . . .	2.00 GPA
Credits of <i>C-</i> or better . . . . .	100
Credits of upper-division courses (#3000 or above) . . . . .	40
USU credits . . . . .	30
(20 of which must be upper division, including 10 required by major)	
Completion of approved major program of study . . . . .	See department
Credits in minor (if required by department) . . . . .	12
Credits in American Institutions (ECN 1500; HIST 1700, 2700, or 2710; POLS 1100; or USU 1300). . . . .	3
University Studies requirements . . . . .	See below

\*Colleges and departments may require more credits or a higher GPA. See requirements on this sheet.

### University Studies Requirements for Residential Landscape Design and Construction Major

**Note:** Approved University Studies courses and requirements are listed in the *General Catalog*. The most current listings are shown online at: <http://www.usu.edu/generalcatalog/>

## General Education Requirements (30-34 credits)

### Competency Requirements (9-10 credits)

#### Communications Literacy (CL1 and CL2) (6 credits)

ENGL 1010 (CL1) (3 credits) or satisfactory AP, CLEP, IBO, ACT, or SAT score

AND

ENGL 2010 (CL2) (3 credits) or satisfactory IBO score

#### Quantitative Literacy (QL) (3-4 credits)

MATH 1030 or 1050 or STAT 1040 (3-4 credits)

OR

One MATH or STAT course requiring MATH 1050 as a prerequisite

OR

Satisfactory AP, CLEP, IBO, ACT, or SAT score

#### Computer and Information Literacy (0 credits)

Passing grade on six computer and information literacy related examinations. (Effective Spring Semester 2010, students must fulfill this requirement prior to enrolling in ENGL 2010.)

**Breadth Requirements (18-20 credits)**

Select at least one approved course from each of the following six categories: **American Institutions (BAI), Creative Arts (BCA), Humanities (BHU), Life Sciences (BLS), Physical Sciences (BPS), and Social Sciences (BSS)**. At least two of the six breadth courses must be University Studies courses with a **USU prefix** (excluding USU 1000, 1010, 1100, 3330, 4900, and 6900). (CLEP or AP credit may be used.) For the Residential Landscape Design and Construction major, LAEP 1030 will fulfill the BCA requirement; BIOL 1010, PSC 1800, or WILD 2200 will fulfill the BLS requirement; and CHEM 1110 will fulfill the BPS requirement.

**Exploration Requirement (3-4 credits)**

Choose an additional class from one of the following General Education categories: QL, BAI, BCA, BHU, BLS, BPS, or BSS. Since three courses which are required for the major have a BLS designation (BIOL 1010, PSC 1800, and WILD 2200), one of these courses will fulfill the BLS requirement, while another will fulfill the Exploration requirement.

**Depth Education Requirements**

**Communications Intensive (CI) (2 courses)**

PSC 3890 and 4890 will meet this requirement.

**Quantitative Intensive (QI) (1 course)**

To meet this requirement, students must take one course having a QI designation.

**Depth Course Requirements (4 credits minimum, including 2 credits minimum completed in each of two courses)**

Complete at least 2 credits in *approved* 3000-level or above courses from each of the following two categories: **Humanities and Creative Arts (DHA)** and **Social Sciences (DSS)**.

**Department Requirements**

All courses used to fulfill major requirements must be taken for a grade of *A-B-C-D-F* and not *Pass/Fail*. A 2.5 GPA is required for all courses used to fulfill major requirements. At least 12 credits of the major must be taken in residence.

**Residential Landscape Design and Construction Major (81-90 credits)**

**Required Courses (81 credits)**

	<b>Credits</b>
<input type="checkbox"/> <b>ASTE 3050 (CI)</b> Technical and Professional Communication Principles in Agriculture (F,Sp). . . . .	3
<input type="checkbox"/> <b>BIOL 1010 (BLS)</b> Biology and the Citizen (F,Sp,Su). . . . .	3
<input type="checkbox"/> <b>CHEM 1110 (BPS)</b> General Chemistry (F,Sp) . . . . .	4
<input type="checkbox"/> <b>LAEP 1030 (BCA)</b> Introduction to Landscape Architecture (F,Sp,Su). . . . .	3

**Credits**

<input type="checkbox"/> <b>LAEP 1200</b> Basic Graphics in Landscape Architecture (F) . . . . .	4
<input type="checkbox"/> <b>LAEP 3600</b> Landscape Materials (F) . . . . .	2
<input type="checkbox"/> <b>MATH 1050 (QL)</b> College Algebra (F,Sp,Su) . . . . .	4
<input type="checkbox"/> <b>PSC 1050</b> Plants, Soils, and Climate Orientation (F) . . . . .	1
<input type="checkbox"/> <b>PSC 1800 (BLS)</b> Introduction to Horticulture (F) . . . . .	3
<input type="checkbox"/> <b>PSC 2200</b> Pest Management Principles and Practices (Sp) . . . . .	3
<input type="checkbox"/> <b>PSC 2600</b> Annual and Perennial Plant Materials (F) . . . . .	3
<input type="checkbox"/> <b>PSC 2620</b> Woody Plant Materials: Trees and Shrubs for the Landscape (F) . . . . .	3
<input type="checkbox"/> <b>PSC 3000</b> Fundamentals of Soil Science (F,Sp). . . . .	4
<input type="checkbox"/> <b>PSC 3300</b> Residential Landscapes (Sp) . . . . .	3
<input type="checkbox"/> <b>PSC 3400</b> Landscape Management Principles and Practices (Sp). . . . .	3
<input type="checkbox"/> <b>PSC 3420</b> Landscape Irrigation Design (Sp, half semester) . . . . .	2
<input type="checkbox"/> <b>PSC 3430</b> Construction Methods for Residential Landscape Installation (F) . . . . .	2
<input type="checkbox"/> <b>PSC 3440</b> Landscape Business Practices (Sp). . . . .	3
<input type="checkbox"/> <b>PSC 3500</b> The Structure and Function of Economic Crop Plants (Sp). . . . .	3
<input type="checkbox"/> <b>PSC 3810</b> Turfgrass Management (F) . . . . .	3
<input type="checkbox"/> <b>PSC 3890 (CI)</b> Preparation for Careers in Plants, Soils, and/or Climate (F). . . . .	1
<input type="checkbox"/> <b>PSC 4250</b> Internship in Plants, Soils, and/or Climate (F,Sp,Su) . . . . .	1-4
<input type="checkbox"/> <b>PSC 4300</b> Advanced Residential Landscape Design (Sp) . . . . .	3
<input type="checkbox"/> <b>PSC 4500</b> Soil Reclamation (Sp). . . . .	3
<input type="checkbox"/> <b>PSC 4890 (CI)</b> Senior Seminar (F,Sp). . . . .	1
<input type="checkbox"/> <b>PSC 5090</b> Low Water Landscaping (F) . . . . .	3
<input type="checkbox"/> <b>PSC 5200</b> Site-Specific Agriculture and Landscape/Horticultural Management (Sp, half semester) . . . . .	3
<input type="checkbox"/> <b>PSC 5550</b> Weed Biology and Control (F) . . . . .	4
<input type="checkbox"/> <b>WILD 2200 (BLS)</b> Ecology of our Changing World (F,Sp) . . . . .	3

**Recommended Courses**

<input type="checkbox"/> <b>ENVS 2340 (BSS)</b> Natural Resources and Society (F,Sp). . . . .	3
<input type="checkbox"/> <b>MGT 3110 (DSS)</b> Managing Organizations and People (F,Sp,Su) . . . . .	3
<input type="checkbox"/> <b>PHIL 3510 (DHA)</b> Environmental Ethics (Sp) . . . . .	3

**Requirement Changes**

*Graduation requirements shown on this sheet are subject to change.* Students should check with their departments concerning possible changes.

**Materials for Persons with Disabilities**

This requirement sheet is available in digital format, recordings, or large print upon request to the USU Disability Resource Center.

**For information contact**

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