

**Utah System of Higher Education  
New Academic Program Proposal  
Cover/Signature Page - Abbreviated Template**

**Institution Submitting Request:** Utah State University

**Proposed or Current Program Title:** Minor in Residential Landscape Design

**Sponsoring School, College, or Division:** College of Agriculture & Applied Sciences

**Sponsoring Academic Department(s) or Unit(s):** Plant, Soils & Climate

**Classification of Instructional Program Code<sup>1</sup> :** 01.0601

**Min/Max Credit Hours Required of Full Program:** 16 Cr Hr / 17 Cr Hr

**Proposed Beginning Term<sup>2</sup>:** Spring 2017

**Institutional Board of Trustees' Approval Date:** 01/06/17

<input type="checkbox"/> Certificate of Proficiency	<input type="checkbox"/> Entry-level CTE CP	<input type="checkbox"/> Mid-level CP
<input type="checkbox"/> Certificate of Completion		
X Minor		
<input type="checkbox"/> Graduate Certificate		
<input type="checkbox"/> K-12 Endorsement Program		
<input type="checkbox"/> NEW Emphasis for Regent-Approved Program		
<input type="checkbox"/> Out of Service Area Delivery Program		

**Chief Academic Officer (or Designee) Signature:**

I, the Chief Academic Officer or Designee, certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Laurens H. Smith \_\_\_\_\_

Date: 01/04/17

I understand that checking this box constitutes my legal signature.

<sup>1</sup> For CIP code classifications, please see <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55>.

<sup>2</sup> "Proposed Beginning Term" refers to first term after Regent approval that students may declare this program.

## Program Description - Abbreviated Template

### Section I: The Request

Over the past several years, the Plants, Soils, and Climate Department (PSC) has offered a Bachelor's degree in Residential Landscape Design & Construction. Proposing a minor in Residential Landscape Design as a compliment to students majoring in Plant Science or Horticulture as well as students in other disciplines. In regards to the approval of the minor, it is important to realize that the faculty, facilities & funding will remain unchanged.

### Section II: Program

#### Proposal/Needs Assessment Program Description/Rationale

Over the past several years, the Plants, Soils, and Climate Department (PSC) has offered a Bachelor's degree in Residential Landscape Design & Construction. Proposing a minor in Residential Landscape Design will compliment students majoring in Plant Science or Horticulture as well as students in other disciplines. In regards to the approval of the minor, it is important to realize that the faculty, facilities & funding will remain unchanged.

#### Labor Market Demand

This program is valuable and will provide skills for students interested in starting a landscape business or progressing to higher positions in organizations that provide landscape services. The continued urbanization and population growth of Utah make it highly likely that there will continue to be strong labor market demand for graduates in horticulture focused on urban needs. The Utah Department of Workforce Services describes the positions relating to First-Line Supervisors of Landscaping, Lawn Service, and Grounds keeping Workers as having a good employment outlook and relatively high wages. The department also describes the field as having faster than average employment growth with a high volume of annual job openings. Business expansion, as opposed to the need for replacements, will provide the majority of job openings in the coming decade. This is likely due to the expectations of 1.6 million new residents in Utah by 2040 and 80% of these located along the Wasatch Front (Utah Legislature Briefing paper, Feb. 2014). As a result, it is expected that long term trends will be consistent or more likely grow for this degree with the increased demands on urban landscapes.

Students especially those in Plant Science or Horticulture that will work in an urban setting will have more tools to make them marketable if they have the working knowledge not only in plants, production, maintenance & care, but in residential landscape design as well. Currently, students who major in RLDC and minor in Horticulture. This minor will allow students who choose to have their degree with more emphasis in plants & the sciences to be able to add that design component to their skill set.

This proposed minor is different from the minor in Landscape Architecture & all classes would be available on the Logan Campus & for students in RC along the Wasatch Front.

#### Consistency with Institutional Mission/Impact on Other USHE Institutions

Do not foresee the new minor affecting resources in a significant way. The faculty, staff and facilities are already in place and teaching the classes used in this proposed minor, nor will there be a change in existing administrative structures. The classes are all currently being taught for the BS in RLDC that is in Logan & in RC along the Wasatch Front.

**Finances**

Funding for the program is already in place and additional funds are not required. The new minor would increase students somewhat generating additional tuition income.

**Section III: Curriculum**

**Program Curriculum**

	Course Number	NEW Course	Course Title	Credit Hours
General Education Courses (list specific courses if recommended for this program on Degree Map)				
<b>General Education Credit Hour Sub-Total</b>				
Required Courses				
<b>+ -</b>	<b>Prerequisite</b>			
<b>+ -</b>	PSC	2600	Herbaceous Plant Materials	3
<b>+ -</b>	PSC	2620	Woody Plant Materials	3
<b>+ -</b>	<b>Required Courses</b>			
<b>+ -</b>	LAEP	1200	2 D Graphics Representation	4
<b>+ -</b>	PSC	3300	Residential Landscape Design	3
<b>+ -</b>	PSC	4301	Computer Aided Residential Landscape Design	2
<b>+ -</b>	PSC	4302	Advanced Computer Aided Residential Landscape Design	2
<b>+ -</b>	PSC	5090	Sustainable Low Water Use Landscapes	3
<b>+ -</b>			<b>Sub-Total</b>	<b>14</b>
Add A Group of Courses				
<b>Required Course Credit Hour Sub-Total</b>				
Elective Courses				
<b>+ -</b>			Choose one course	
<b>+ -</b>	PSC	3430	Landscape Construction Methods	2
<b>+ -</b>	PSC	3440	Landscape Business Practices	3
<b>+ -</b>				
<b>+ -</b>				
<b>+ -</b>				
<b>+ -</b>				
<b>+ -</b>				
<b>+ -</b>				
Add A Group of Courses				
<b>Elective Credit Hour Sub-Total</b>				<b>2-3</b>
<b>Core Curriculum Credit Hour Sub-Total</b>				<b>16-17</b>

Program Curriculum Narrative

**Degree Map**

*Degree maps pertain to undergraduate programs ONLY. Provide a degree map for proposed program. Degree Maps were approved by the State Board of Regents on July 17, 2014 as a degree completion measure. Degree maps or graduation plans are a suggested semester-by-semester class schedule that includes prefix, number, title, and semester hours. For more details see <http://higheredutah.org/pdf/agendas/201407/TAB%20A%202014-7-18.pdf> (Item #3).*

**Program Schedule for Logan students: must have pre requisite classes PSC 2600 & PSC 2620**

Fall or any semester prior to PSC 3300 LAEP 1200 (4) 2 D Graphics Representation	Spring PSC 3300 (3) Residential Landscape Design	
Fall PSC 4301 (2) Computer Aided Residential Landscape Design (elective: PSC 3430 (2) Landscape Construction Methods)	Spring PSC 4302 (2) Advanced Computer Aided Residential Landscape Design (elective: PSC 3440 (3) Landscape Business Practices	Summer PSC 5090 (3) Sustainable Low Water Use Landscapes

**Program Schedule for RC students: must have pre requisite classes PSC 2600 & PSC 2620**

Fall odd years or any semester prior to PSC 3300 LAEP 1200 (4) 2 D Graphics Representation	Spring even years PSC 3300 (3) Residential Landscape Design	
Fall even years PSC 4301 (2) Computer Aided Residential Landscape Design (elective: PSC 3430 (2) Landscape Construction Methods)	Spring odd years PSC 4302 (2) Advanced Computer Aided Residential Landscape Design (elective: PSC 3440 (3) Landscape Business Practices	Summer odd years PSC 5090 (3) Sustainable Low Water Use Landscapes

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