

New Program Proposal

Date Submitted: 11/01/21 10:55 am

Viewing: **SLDM-M : Sustainable Landscape**

Design and Management Minor

Last edit: 11/03/21 1:42 pm

Changes proposed by: melindas

Submitter: 2763 User ID: melindas Phone:

Program Status Active

Academic Level Undergraduate

Type of proposal Minor

Select a reason for this new program Adding New Minor

Effective Catalog Year Summer 2022

College/School Code
Fay Jones School of Architecture and Design (ARCH)

Department Code
Department of Landscape Architecture (ARLA)

Program Code SLDM-M

Degree Minor

CIP Code

In Workflow

1. ARCH Dean Initial
2. Director of Curriculum Review and Program Assessment
3. Registrar Initial
4. Institutional Research
5. ARLA Chair
6. AFLS Dean
7. ARCH Dean
8. Global Campus
9. Provost Review
10. University Course and Program Committee
11. Faculty Senate
12. Provost Final
13. Registrar Final
14. Catalog Editor Final

Approval Path

1. 10/13/21 11:01 am
Melinda Smith (melindas):
Approved for ARCH Dean Initial
2. 10/15/21 8:05 am
Alice Griffin (agriffin): Rollback to Initiator
3. 10/15/21 2:43 pm
Melinda Smith (melindas):
Approved for ARCH Dean Initial

4. 10/18/21 10:28 am
Alice Griffin
(agriffin): Approved
for Director of
Curriculum Review
and Program
Assessment
5. 10/25/21 2:16 pm
Gina Daugherty
(gdaugher):
Rollback to Initiator
6. 10/25/21 3:08 pm
Melinda Smith
(melindas):
Approved for ARCH
Dean Initial
7. 10/28/21 11:54 am
Alice Griffin
(agriffin): Rollback
to Initiator
8. 11/01/21 10:56 am
Melinda Smith
(melindas):
Approved for ARCH
Dean Initial
9. 11/01/21 3:30 pm
Alice Griffin
(agriffin): Approved
for Director of
Curriculum Review
and Program
Assessment
10. 11/02/21 3:57 pm
Lisa Kulczak
(lkulcza): Approved
for Registrar Initial
11. 11/02/21 3:57 pm
Doug Miles
(dmiles): Approved

- for Institutional Research
- 12. 11/02/21 3:58 pm
Melinda Smith (melindas):
Approved for ARLA Chair
- 13. 11/03/21 10:27 am
Lona Robertson (ljrobert): Approved for AFLS Dean
- 14. 11/03/21 10:45 am
Melinda Smith (melindas):
Approved for ARCH Dean
- 15. 11/03/21 10:54 am
Suzanne Kenner (skenner): Approved for Global Campus
- 16. 11/03/21 10:57 am
Ketevan Mamiseishvili (kmamisei):
Approved for Provost Review

04.0601 - Landscape Architecture.

Program Title

Sustainable Landscape Design and Management Minor

Program Delivery

Method

On Campus

Is this program interdisciplinary?

Yes

College(s)/School(s)

College/School Name
Bumpers College of Agricultural, Food, and Life Sciences (AFLS)

Does this proposal impact any courses from another College/School?

Yes

College(s)/School(s)

College/School Name

Bumpers College of Agricultural, Food, and Life Sciences (AFLS)

What are the total
hours needed to
complete the
program?

16-17

Program Requirements and Description

Requirements

SUSTAINABLE LANDSCAPE DESIGN and MANAGEMENT MINOR

The Department of Landscape Architecture offers, and oversees, two interdisciplinary minors related to plants for students interested in significant world issues in landscape design, climate change, management, and sustainability. These minors are available to any student pursuing a major within the Fay Jones School of Architecture + Design.

This *Sustainable Landscape Design and Management* minor combines coursework in the foundations of sustainability, sustainable landscape practices, horticulture, landscape management, operations, and installation.

Responsible landscape professionals increasingly incorporate sustainability into their design, maintenance, and management philosophies. This minor will allow students to incorporate principles of sustainable landscape design and management into the built world, from large-scale landscapes to site-specific spaces. Sustainable landscape management ensures that the landscape needs of today are met without compromising those of future generations by giving equal attention to social, natural, built, and managed systems. Issues addressed include:

Basic understanding of sustainability at the local to global scale

Sustainable landscape practices lessening maintenance time and costs

Ecological principles of site design and construction grading (ground plane manipulation)

Proper plant selection with preference to native and/or organically grown plants that require minimal supplemental nutrients and water, attracting wildlife and pollinators, and are healthier for human use

Appropriate pruning to minimize waste, reduce costs and maximize the plant's benefits

Sustainable planting design and maintenance to maintain local character and identity

Sustainable landscape practices that help to maintain local jobs and businesses

Identifying locally sourced materials to minimize transportation costs and resource consumption

Required Courses:

[LARC 2714](#) Ecological Design and Construction: Terrain

4

Choose three hours from:

3

- HORT 2003 Principles of Horticulture
- or HORT 3503 Sustainable and Organic Horticulture
- or SUST 1103 Foundations of Sustainability

Choose nine - ten hours from the following:

9-10

- LARC 2113 Design Visualization, Inquiry and Communications
- or LARC 3734 Sustainable Design and Construction: Material and Methods of Assembly
- or HORT 3103 Woody Landscape Plants
- or HORT 3203 Sustainable Landscape Practices
- or HORT 3503 Sustainable and Organic Horticulture
- or HORT 4033 Professional Landscape Installation and Construction
- or SUST 1103 Foundations of Sustainability

A student must take a minimum of 6 hours in the 3000 and 4000 level courses to satisfy requirements for the minor.

Total Hours

16-17

8-Semester Plan

Program Costs

Existing - courses already offered.

Library Resources

Existing - courses already offered.

Instructional

Facilities

Existing - courses already offered.

Faculty Resources

Existing - courses already offered.

List Existing Certificate or Degree Programs that Support the Proposed Program

Are Similar Programs available in the area?

No

Estimated Student Demand for Program 5

Scheduled Program NA

Review Date

Program Goals and Objectives

Program Goals and Objectives

Responsible landscape professionals increasingly incorporate sustainability into their design, maintenance, and management philosophies. This Minor will allow students to incorporate principles of sustainable landscape design and management into the built world, from large-scale landscapes to site-specific spaces. Sustainable landscape management ensures that the landscape needs of today are met without compromising those of future generations by giving equal attention to social, natural, built, and managed systems.

Learning Outcomes

Learning Outcomes

- Basic understanding of sustainability at the local to global scale
- Sustainable landscape practices lessening maintenance time and costs
- Ecological principles of site design and construction grading (ground plane manipulation)
- Proper plant selection with preference to native and/or organically grown plants that require minimal supplemental nutrients and water, attracting wildlife and pollinators, and are healthier for human use
- Appropriate pruning to minimize waste, reduce costs and maximize the plant's benefits
- Sustainable planting design and maintenance to maintain local character and identity
- Sustainable landscape practices that help to maintain local jobs and businesses
- Identifying locally sourced materials to minimize transportation costs and resource consumption

Description and Justification for this request

Description of request	Justification for request
Adding a new minor consisting of existing LARC and HORT courses.	For students interested in significant world issues in landscape design, climate change, management, and sustainability.

Upload attachments

[SLDM-M.docx](#)

Reviewer Comments

Alice Griffin (agriffin) (10/15/21 8:05 am): Rollback: Please enter requirements into a course list. If you need assistance, please contact me.

Alice Griffin (agriffin) (10/18/21 10:27 am): Inserted the range of hours with electives to match the total hours field. With approval from submitter.

Gina Daugherty (gdaugher) (10/25/21 2:16 pm): Rollback: Rolling back per request of ARCH Dean's office.

Alice Griffin (agriffin) (10/28/21 11:54 am): Rollback: Rolling back as requested by submitter.

Lona Robertson (ljrobert) (11/03/21 10:27 am): Confirmed with HORT their agreement.

Alice Griffin (agriffin) (11/03/21 1:42 pm): Changed response to scheduled program review date to NA. Minor programs are not reviewed.