PLANTING RELATED minorS

The Department of Landscape Architecture AT THE UNIVERSITY OF ARKANSAS

October 6, 2021

# **OVERVIEW**

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 who have met the following prerequisites, or have obtained permission from the Head of the Department of Landscape Architecture:

* ARCH 1015 Fundamental Design Skills **AND** ARCH 1025 Fundamental Design Methodology (Architecture), **OR**
* LARC 1315 Fundamental Design Skills **AND** LARC 1325 Fundamental Design Methodology (Landscape Architecture), **OR**
* IDES 1035 Fundamental Design Skills **AND** IDES 1045 Fundamental Design Methodology (Interior Design)

These minors provide a choice between two distinct areas of focus, allowing students to specialize in an area most aligned with their professional goals. Each of the minors consists of 16-17 hours of required and elective courses:

* 1. **Sustainable Landscape Design and Management Minor**
  2. **Design with Plants Minor**

A student wanting one of the above minors should notify the Department of Landscape Architecture and consult an academic adviser. Descriptions of each minor are provided below, along with the required core and elective courses for each. A selection of these courses, plus variable topics courses that will qualify for credit toward the Minors, is published every semester. A student in the Fay Jones School of Architecture + Design can present only 9 hours of courses required for their major field of study for credit for the minor.  3000-plus courses that are not required for the major can be presented for “advanced” credit in the minor.

# 1. SUSTAINABLE LANDSCAPE DESIGN and MANAGEMENT minor

## DESCRIPTION

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

## WHAT CAN I DO WITH THIS Minor?

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 AND ELECTIVE COURSES\*

**7-Credit Hours of Required Core**

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| --- | --- |
| * *Landscape Architecture*   + LARC 2714 Ecological Design and Construction: Terrain | * + 4 credit hours (TYP. Fall, No Prerequisite) |
| **AND** |  |
| * *Horticulture*   + HORT 2003 Principles of Horticulture | * + 3 credit hours (Typ. Spring, No Prerequisites) |
| **OR** |  |
| * + HORT 3503 Sustainable & Organic Horticulture | * + 3 credit hours (Typ. Fall even years, No Prerequisite) |
| **OR** |  |
| * *Sustainability*   + SUST 1103 Foundations of Sustainability | * + 3 credit hours (Typ. Spring, No Prerequisite) |

**+9-10 Credit Hours of Electives**

**3 courses chosen from below:**

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| --- | --- |
| * *Landscape Architecture*   + LARC 2113 Design Visualization, Inquiry and Communications | * + 3 credit hours (Typ. Fall, No Prerequisite) |
| * + LARC 3734 Ecological Design: Materials | * + 4 credit hours (Typ. Spring, Prerequisite: LARC 3724) |
| * *Horticulture*   + HORT 3103 Woody Landscape Plants | * + 3 credit hours (Typ. Fall, No Prerequisite. Corequisite lab component) |
| * + HORT 3203 \*\*Sustainable Landscape Practices   ACCEPtS Online Course | * + 3 credit hours (Typ. Fall, Prerequisite: HORT 2003) |
| * + HORT 3503 Sustainable & Organic Horticulture | * + 3 credit hours (Typ. Fall even years, No Prerequisite) |
| * + HORT 4033 Professional Landscape Installation and Construction | * + 3 credit hours (Typ. Fall even years, Prerequisite: HORT 2003) |
| * + HORT 4043 Professional Landscape Management | * + 3 credit hours (Typ. Fall odd years, Prerequisite: HORT 2003 and HORT 3103) |
| * *Sustainability*   + SUST 1103 Foundations of Sustainability | * + 3 credit hours (Typ. Spring, No Prerequisite) |

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

***\*\* Students must be manually enrolled through the Horticulture Department***