# **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.

# DESIGN WITH PLANTS MINOR

## DESCRIPTION

The Design with Plants Minor combines plant-centered coursework with several design-oriented courses within the Landscape Architecture Department. This Minor is tailored for those students desiring a more in-depth study of plants, plant communities, soils, aesthetic and architectural uses of plants, and design and deployment strategies related to them.

## WHAT CAN I DO WITH THIS MINOR?

Students pursuing this Minor will be well-suited for engaging with landscape design professionals and other allied professionals pursuing productive, locally sensitive, sustainable, and resilient planting schemes. Two courses provide students with core skills in designing with plants: ‘Ecological Design: Plant Communities’ and ‘Design Visualization, Inquiry and Communications.’ Issues and topics addressed include:

* Foundation topics in plants and cultivation
* Concepts relating to plants, their associations, and communities, and how to utilize those concepts as design frameworks
* Fundamentals of soils, soil structure and composition, soil health and ecosystems, and strategies for their protection
* Studying productive plant communities (food crops) to understand them as a community and as a design opportunity
* Questions of sustainability regarding plants and planting
* Fundamental design methods and means of graphic representation to communicate ideas and proposals

## REQUIRED AND ELECTIVE COURSES\*

**7-Credit Hours of Required Core**

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| --- | --- |
| * *Landscape Architecture*   + LARC 2914 Ecological Design: Plant Communities | * + 4 credit hours (Typ. Spring, No Prerequisite) |
| * *Horticulture*    + HORT 2003 Principles of Horticulture | * + 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 3914 Sustainable Design and Construction: Remediation and Plants on Structure | * + 4 credit hours (Typ. Fall, No Prerequisite) |
| * *Crop, Soil and Environmental Sciences*   + CSES 2203 Soil Science | * + 4 credit hours + lab (Typ. Fall & Springs, Prerequisites: MATH 1203 and CHEM 1103 or CHEM 1073) |
| * *Horticulture*   + HORT 3303 Vegetable Crops-ACCEPtS Online Course | * + 3 credit hours (Irregular, Prerequisite: HORT 2003 and CSES 2203) |
| * + HORT 3113 Herbaceous and Indoor Plant Materials | * + 3 credit hours (Typ. Spring Odd Years, Corequisite: Lab component) |
| * + HORT 3503 Sustainable & Organic Horticulture-ACCEPtS Online Course | * + 3 credit hours (Typ. Fall Even Years, No Prerequisite) |
| * + HORT 4103 Fruit Production Science and Technology | * + 3 credit hours (Typ. Spring Odd Years, Prerequisite: HORT 2003, Corequisite: lab component) |

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