

## Designing with Native Perennials

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As we seek ways to live and garden more sustainably, the use of native plants is gaining in popularity. Native plants provide a full palette of color, texture, line, shape, and form for garden designs. They gracefully spread themselves across the terrain and graciously co-exist with companion plants. Returning to native plant communities strengthens soil bonds and improves soil microorganisms. They also provide natural food sources for pollinating insects, migrating birds, and other wildlife.

## Mission Statement

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The Department of Landscape Architecture and Horticulture at Temple University is committed to excellence in ecologically based education. Our goal is to train leaders in the art and science of horticulture and landscape architecture. Our programs provide students with a knowledge and an understanding of the environment so that they can improve the quality of our urban, suburban, and rural communities.

*None can have a healthy love for flowers unless he loves the wild ones.* FORBES WATSON

## Native Perennial Garden Design Certificate Program

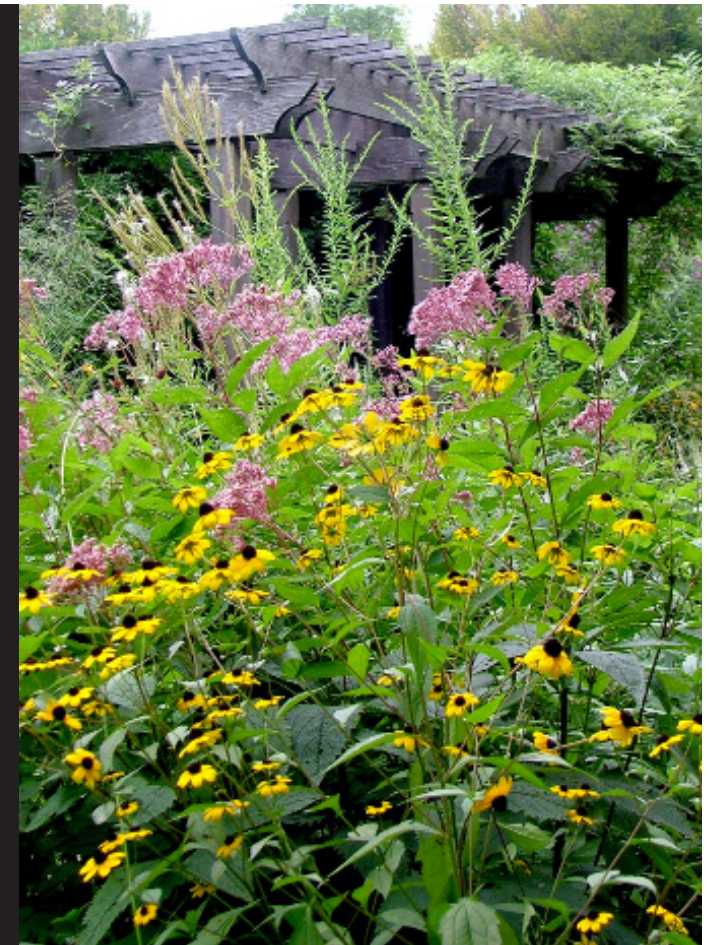
To learn more about the Native Perennial Garden Certificate Program or other educational opportunities offered at Temple University Ambler, visit us online at [www.temple.edu/ambler](http://www.temple.edu/ambler), or write to:

Department of Landscape Architecture  
and Horticulture  
Dixon Hall 201  
School of Environmental Design  
Temple University Ambler  
580 Meetinghouse Road  
Ambler, PA 19002

Phone: 267-468-8100  
E-mail: [ambler@temple.edu](mailto:ambler@temple.edu)



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*Native Perennial  
Garden Design  
Certificate Program*



## About the Native Perennial Garden Design Certificate

This certificate program combines the art and science of horticulture and teaches students how to make environmentally responsible choices in garden design. By studying plant identification, cultural conditions, and the appropriate use of plants, students learn the necessary skills for creating and maintaining sustainable and attractive perennial gardens. Those who can benefit from this knowledge are, among others:

- Residential landscape designers
- Home gardeners
- Supervisors of public gardens
- Managers of municipal parks
- Directors of city greening programs
- Operators of commercial nurseries

## Student Populations

This certificate is available to all current undergraduate degree students in any major. It is also available to those with a previous degree (or no degree), on a non-matriculated basis whether for personal growth or as incentive towards matriculating into a degree program.

Credit certificate students have the opportunity to meet and network with faculty and students while learning in the classroom and in the Landscape Arboretum of Temple University Ambler.

## Required Courses 14 credit hours

HORT 1001	Fundamentals of Hort.	2 cr
LAN ARC 1142	Design Communications	3 cr
HORT 2221	Herbaceous Plants I	3 cr
HORT 2222	Herbaceous Plants II	3 cr
HORT 2666	Designing with Perennials	3 cr

Course offerings for this certificate are available at Temple University Ambler both day and evening/weekend during fall and spring semesters.

Courses for the certificate program must be completed with a minimum cumulative grade point average (GPA) of 2.0 or higher. At least half of the courses completed for the certificate must be taken at Temple University.



## Course Descriptions

### HORT 1001 FUNDAMENTALS OF HORTICULTURE

Principles of horticultural science; basic techniques of horticulture, including soil management, plant propagation, selection and maintenance of plant materials, and landscape design.

### LAN ARC 1142 DESIGN COMMUNICATIONS

This studio course explores the development of graphic techniques and introduces students to the landscape design process commonly used in landscape architecture and horticulture. Students explore spatial composition and develop a basic small scale design project using a variety of graphic skills.

### HORT 2221 HERBACEOUS PLANTS I

The identification, culture, and appropriate designs for native and cultivated annuals, perennials, bulbs, and wildflowers; collaboration with nature in designing and maintaining ecologically sound gardens.

### HORT 2222 HERBACEOUS PLANTS II

**Prerequisite:** HORT 2221, or instructor permission

Topics include: identification, culture, and creation of environmentally appropriate designs for native and cultivated annuals, perennials, herbs, and roses; cost analysis; designing and maintaining ecologically-sound gardens.

### HORT 2666 DESIGNING WITH PERENNIALS

**Prerequisite:** HORT 2221, or instructor permission

Perennial designs involve an understanding of the site, respect for adjacent areas, maintenance concerns, and client desires. Student's knowledge of herbaceous plants is used as a basis for developing creative, ecologically-sensitive design solutions.