

Horticulture (HORT)

Course information contained within the Bulletin is accurate at the time of publication in June 2025 but is subject to change. For the most up-to-date course information, please refer to the Course Catalog.

HORT 8261. Native Plant Ecology. 3 to 4 Credit Hours.

This course focuses on native and introduced hardy (naturalized) trees, shrubs, vines, and herbaceous plants that comprise plant communities and serve as the foundation of natural, designed, and restored landscapes. Students distinguish between native, naturalized, and non-native plant communities and identify vital characteristics associated with plant community health. The course emphasizes identification, culture, association, appropriate use of plant communities, and on-site propagation during restoration. Students develop an ecologically based understanding of how to establish, restore, and manage healthy plant communities. Field trips allow students to observe and document plants and plant communities in situ. Note: Prior to Fall 2024, this course was titled "Native Woody Plant Identification."

Course Attributes: SF

Repeatability: This course may not be repeated for additional credits.

HORT 8514. Landscape Restoration. 3 Credit Hours.

Students develop an ecologically based understanding of how to establish, restore, and manage meadows, forests, and wetland systems. The course emphasizes natural processes and how to integrate the built landscape with natural systems. Students also explore plant communities and wildlife habitats of Southeastern Pennsylvania. By the end of the course, students know the components of a restoration plan and have developed a plan for a real site.

Course Attributes: SF

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in HORT 8261.