Environmental Horticulture & Sustainable Agribusiness
Montgomery College - Germantown Campus
-Fall 2023-

HORT 100 Intro. to Plant Sciences   4 semester hours
An overview of the science and art of horticulture. Relationships between plant science and plant production, the use of horticultural plants and plant stress as influenced by environmental factors and cultural practices are covered.

- ◆ Fulfills —Natural Sciences Distribution with Lab (NSLD) requirement at Montgomery College
- ◆ Satisfies a Gen Ed requirement at the University of Maryland College Park
  Monday   9:00 - 10:50 a.m. & Wed. 9:00 - 11:50 a.m.   CRN 23206, CRN 23207 Dis, CRN 23208 Lab - Face to face
  Friday   9:00 a.m. - 1:40 p.m.   CRN 23203, CRN 23204 Dis, CRN 23205 Lab - On-line
  Saturday 9:00 a.m. - 1:50 p.m. (*Takoma Park campus*) CRN 23107, CRN 23108 Dis, CRN 23109 Lab - Face to face

HORT 105 Intro. to Sustainable Landscaping   2 semester hours
Gain a broad overview of trends within of the Green Industry, including techniques and approaches for maintaining and improving soil health, composting, and managing stormwater, as well as provide a basic understanding of growth and nutrition to ensure environmental sustainability. Students will learn about national, state and local guidelines promoting sustainability in landscape design and management.
  Tuesday, 7:30 - 9:10 p.m.   CRN 23209 - On-line

HORT 135 Stormwater Maintenance
(*lecture and portion of the lab will meets on-line, portions of lab meets at the Germantown Campus*)   1 semester hour
Learn from instructor Rick Scaffidi how to perform inspection, minor repairs and maintenance of plant materials surrounding bio-retention facilities and similar Low Impact Development (LID) techniques according to Montgomery County and Maryland State guidelines. Other topics include planning, reading and developing a maintenance plan for bio-retention facilities. Portions of the course will be held outdoors.
  Lecture & Lab - Thur. Oct. 26, Nov. 1 & Nov .3   CRN 23470 & CRN 23471   8:00 a.m. - 3:35 p.m.

HORT 161 Landscape Graphics   3 semester hours
Develop the basic skills necessary to prepare planting designs and construction drawings for client presentations, including colored site plans and 3-dimensional drawings.
  Saturday, 9:00 a.m. - 12:30 p.m.   CRN 23210, CRN 23311 Lab - On-line
  Lecture and lab meet on-line, portion of lab meets at the Germantown Campus

HORT 215 Integrated Pest Management and Entomology *, ** 3 semester hours
Hone your pest management skills with Stanton Gill. Explore the identification of key pests, their life cycles and control methods, with emphasis on integrated pest management strategies.
  Thursday, 6:00 - 9:30 p.m.   CRN 23212, CRN 23213 Lab - On-line
  Lecture and lab meet on-line, portion of lab instruction will be offered remotely.

HORT 253 Plant Materials I*   3 semester hours
Learn how to identify and properly use trees, shrubs, vines, and groundcovers in both residential and commercial landscape situations. Plant characteristics, such as seasonal interest and habit, are stressed so that appropriate plant selections can be made for any landscape situation. *Optional* Saturday field trips are as follows: 09/23/23 to National Cathedral in Washington, D.C., 10/14/23to Smithsonian Gardens in Washington, D.C., and 11/04/23 to Hillwood Gardens in Washington, D.C.
  Monday's section meets, 1:00 – 4:30 p.m.   CRN 23660, CRN 23665 Lab - On-line
  Wednesday's section meets, 6:00 – 9:30 p.m.   CRN 23214, CRN 23215 Lab - On-line
  Lecture and lab meet on-line, portion of lab instruction will be offered remotely.

HORT 280 Landscape Technology Internship   2 semester hours
With guidance from an instructor, design an individual industry work experience.
                                                        CRN 23216

*HORT 215, HORT 253 includes optional Saturday Field trip(s).
**HORT 215 and HORT 222 and other select courses in the Program, have been approved by the MD Department of Agriculture to prepare Greens Industry professionals for pesticide application certification in Category III.
For further information about the program or courses, contact
Stephen Dubik (240) 567-7803   steve.dubik@montgomerycollege.edu

►*In-county tuition rates available for Business/Industry employees*
►*Tuition waivers available for senior citizens*   - starts August 23
  ►**Web registration: www.montgomerycollege.edu**

Classes start August 28 2023

MONTGOMERY COLLEGE