

AGRICULTURAL SCIENCE AND TECHNOLOGY MINOR

Agricultural Science & Technology (AGST)

2139 Plant Sciences Building

Phone: 301-405-4359

Contact us for more information:

Concentration	Faculty Advisor
Agricultural and Extension Education	Dr. Melissa Leiden Welsh, Assistant Clinical Professor & Director, drmwelsh@umd.edu
Agronomy	Dr. Bill Phillips, Assistant Clinical Professor, billii@umd.edu
Environmental Horticulture	Dr. Diana Cochran, Assistant Clinical Professor, cochrand@umd.edu
General Questions	Diana Cortez, Academic Advisor and Lecturer, dcortez@umd.edu

For more information, please visit our website at <http://psla.umd.edu>. You may also want to check out our Minors (<https://psla.umd.edu/undergraduate/degrees/minors/>) page.

This minor will provide students with an appreciation and understanding of sustainable agricultural crop production. The core courses provide students with a basic foundation in plant science while supporting courses allow students to broaden their focus in different areas of agriculture. Students can select their courses in either agronomy or environmental horticulture.

REQUIREMENTS

Course	Title	Credits
Core Courses		
PLSC110 & PLSC111 or PLSC112 & PLSC113	Introduction to Horticulture and Introduction to Horticulture Laboratory Introductory Crop Science and Introductory Crop Science Laboratory	4
ENST200	Fundamentals of Soil Science	4
PLSC201	Plant Structure and Function	3
PLSC206	Plant Structure and Function Laboratory	1
PLSC389 or PLSC460	Internship Application of Knowledge in Plant Sciences	3
Supporting Courses		7
AGST400	Advanced Crop Science	
PLSC420	Principles of Plant Pathology	
PLSC433	Technology of Fruit and Vegetable Production	
PLSC452	Environmental Horticulture	
PLSC453	Weed Science	
BSCI497 or BSCI337	Insect Pests of Ornamentals and Turf Biology of Insects	
Total Credits		22

General Requirements

- All courses presented for the minor must be passed with a grade of "C-" or better.
- All courses presented for the minor must be taken at the University of Maryland, College Park.
- Students may use a maximum of six credits or two courses to satisfy the requirements of both a major and a minor.
- The Department of Plant Science and Landscape Architecture has mandatory advising for each of its major and minor programs. Students are required to meet with their advisor at least twice a year.
- Students matriculating to this minor will need MATH113 or higher and CHEM131/132 as prerequisites