

AGRICULTURAL SCIENCE AND TECHNOLOGY MINOR

College of Agriculture & Natural Resource (AGNR)
 Department of Plant Science & Landscape Architecture (PSLA)
 Agricultural Science & Technology (AGST)
 2139 Plant Sciences Building
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Contact us for more information:

Concentration	Faculty Advisor
Agricultural and Extension Education	Dr. Melissa Leiden Welsh, Associate Clinical Professor, Director, & Advisor, drmwelsh@umd.edu
Agronomy	Dr. Samuel Olumide Daramola, Assistant Clinical Professor & Advisor, odaramo1@umd.edu
Environmental Horticulture	Dr. Diana Cochran, Associate Clinical Professor, cochrand@umd.edu
General Questions	Diana Cortez, Faculty Specialist, 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 & PLSC206	Plant Structure and Function and Plant Structure and Function Laboratory	4
PLSC389 or PLSC460	Internship Application of Knowledge in Plant Sciences	3
Supporting Courses*		6
AGST333	Crafty Beverage Crops	
AGST399	Special Problems in Agricultural Science & Technology	
AGST400	Advanced Crop Science	
AGST401	Tractor and Equipment Operation, Safety and Maintenance	
AGST426	Scientists Teaching and Translating Science	
PLSC253	Woody Plants for Mid-Atlantic Landscapes I	

PLSC254	Woody Plants for Mid-Atlantic Landscape II
PLSC400	Plant Physiology
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
*6 credits must be from 300+ level or higher. Other courses may be approved. Consult with your advisor.	

Total Credits **21**

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 (eligibility for MATH 120 or higher) and CHEM131/132 as prerequisites