

# 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, <a href="mailto:drmwelsh@umd.edu">drmwelsh@umd.edu</a>
Agronomy	Dr. Melissa Leiden Welsh, Assistant Clinical Professor & Director, <a href="mailto:drmwelsh@umd.edu">drmwelsh@umd.edu</a>
Environmental Horticulture	Dr. Diana Cochran, Assistant Clinical Professor, <a href="mailto:cochrand@umd.edu">cochrand@umd.edu</a>
General Questions	Diana Cortez, Faculty Specialist, <a href="mailto:dcortez@umd.edu">dcortez@umd.edu</a>

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

### 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