

Minor: Plant Science

OVERVIEW OF DEGREE REQUIREMENTS

Minimum number of credits required to earn minor: 21

GPA requirements to earn minor: 2.0

Minimum Grade requirements for courses to count toward minor: A "C-" or better is required for all PSE courses.

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This minor includes courses that present the underlying principles distinguishing sustainable agriculture from conventional chemical-based agriculture. The minor includes several courses that introduce students to the philosophy, terminology and science that form the foundation of agricultural systems that are ecologically-based. Upper level classes build on the foundation classes to give students practical knowledge in the management of crops in ways that are consistent with maintaining healthy soils, decreasing weed and pest populations, and growing nutritional food crops while minimizing or eliminating the use of toxic pesticides and chemical fertilizers.

Please note:

- The following courses are not acceptable course choices for Environmental Horticulture majors; PSE 403, PSE 410, PSE 415, and PSE 457.
- The following courses are not acceptable course choices for Sustainable Agriculture majors; PSE 101, PSE 403, PSE 415, PSE 440, PSE 457 and PSE 479.
- PSE 101 - Cropping Systems is offered Spring - even years.

Required Courses:

- [BIO 452 - Plant Physiology](#) Credits: 3
- [PSE 100 - Plant Science](#) Credits: 4
- [PSE 101 - Cropping Systems](#) Credits: 4
- [EES 140 - Soil Science](#) Credits: 3
- [EES 141 - Soil Science Laboratory](#) Credits: 1

Plus two from the following list:

- [BIO 464 - Taxonomy of Vascular Plants](#) Credits: 4
 - [PSE 403 - Weed Ecology and Management](#) Credits: 3
 - [PSE 410 - Plant Propagation](#) Credits: 4
 - [PSE 415 - Greenhouse Management](#) Credits: 4
 - [PSE 440 - Environmental Soil Chemistry and Plant Nutrition](#) Credits: 3
 - [PSE 457 - Plant Pathology](#) Credits: 4
 - [PSE 479 - Crop Ecology and Physiology](#) Credits: 3
 - [SFR 439 - Plant Anatomy Structure and Function](#) Credits: 3
 - [WLE 423 - Wetland Ecology and Conservation](#) Credits: 4
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