

Plant Science Major

SUSTAINABLE PLANT HEALTH SAMPLE PLAN

Suggested 4-Year Plan

Fall 2014

Courses in **Bold** are for the Sustainable Plant Health Program of Study

(This is just one possible scenario for completing this curriculum in four years. There are many other possibilities.)

First Year

Fall	Spring
AGRO 1660W (2) First Year Colloquium	BIOL 1009 (4) General Biology
HORT 1001 (4) Plant Propagation	MATH 1031 (3)* College Algebra
CHEM 1061/1065 (3/1) Chemical Principles I Lecture and Lab	WRIT 1301 (4) University Writing
Freshman Seminar or Elective (3)	Lib Ed Requirement (3) Arts & Humanities
Elective (3)	
Total: 16 credits	Total: 14 credits

* Or MATH 1051 (3) or 1142 (4)

Second Year

Fall	Spring
Hort 1015 (4) Woody and Herbaceous Plants	FDSY 2101 (3) Plant Production Systems
Hort 2100 (3) Agricultural Biochemistry	Hort 3005W (4) Environmental Effects on Horticultural Crops
Ent 1005 (4) Insect Biology	Soil 2125 (4) Basic Soil Science
Lib Ed Requirement (4) Social Science	PIPa 2001 (3) Intro Plant Pathology
Elective (3)	
Total: 15 credits	Total: 14 credits

Third Year

Fall	Spring
ESPM 3612W (3) Soil and Environmental Biology	Ent 5341 (3) Biological Control of Insects & Weeds
CFAN 3333 (3) Insects, Microbes and Plants	Hort 4401 (4) Plant Genetics & Breeding (or other allowed genetics course)
Lib Ed Requirement (3) Historical Perspective	PIPa 3003 Diseases of Forest and Shade Trees (3)
Lib Ed Requirement (3) Literature	Hort 4850 (3) Pollinator Protection in Managed Landscapes
Elective (3)	Elective (3)
Total: 15 credits	Total: 16 credits

Fourth Year

Fall	Spring
AGRO 4103 (3) World Food Problems (or other INT course)	Agro 4505 (3) Biology, Ecology & Mgmt of Invasive Plants
HORT 4096W (2) Professional Experience (Internship)	PIPa 5660 (3) Plant Disease Resistance and Applications
Lib Ed Requirement (3) Civic Life & Ethics theme	Lib Ed Requirement (3) Diversity & Social Justice theme
Elective (3)	Elective (3)
Elective (4)	Elective (3)
Total: 15 credits	Total: 15 credits