

UConn | COLLEGE OF AGRICULTURE, HEALTH AND NATURAL RESOURCES

PLAN OF STUDY FORM Catalog Year 2016-2017 Sustainable Plant & Soil Systems

DIRECTIONS

- This Plan of Study (plan) is used as a *worksheet* during initial registration and every subsequent semester to determine minimum requirements and progress toward completing the degree. A *preliminary plan* is developed and submitted to the advisor by the end of the sophomore year (or equivalent time for transfer students).
- **A final plan must be approved by advisor and department head, and submitted to the Degree Auditor (Unit 4077, Wilbur Cross Building) no later than the end of the tenth week of classes of the semester prior to the anticipated semester of graduation.**
- Students must complete all major and general education course requirements and earn:
 - At least 120 credits toward the degree**
 - At least a 2.0 Cumulative Grade Point Average (CGPA)**
 - At least a 2.0 Grade Point Average for ALL courses listed in the 36 Credit Requirement**
- University of Connecticut General Education Requirements (GER), are outlined in the Academic Regulations section of the *Undergraduate Catalog*. Only approved courses may be used to meet requirements.
- Students should use their Academic Requirements Report (accessible in Student Admin) along with the Plan of Study to view their graduation requirements and assess status toward degree. Students must be attentive to credit restrictions (repeated courses, out of sequence classes, etc.). Courses taken Pass/Fail may NOT be used to meet any requirements.

STUDENT AND DEGREE INFORMATION

Must be filled out completely on your final plan of study.

Select one: Preliminary Plan Final Plan

Name _____ Student I.D. _____
First Middle Last

Phone # _____ Email Address _____

Current Address: _____
Street City/Town State Zip Code

Month and Year of Anticipated Graduation May August December Year: _____

Are you pursuing a double major in CAHNR? Yes No If Yes, submit Double Major Attachment with final plans of study.

Please list below any minors that you plan to earn and submit a final minor plan of study with your final major plan of study.

At the completion of semester you intend to graduate, will you have earned 120 or more credits? Yes No

APPROVAL SIGNATURES

Student's Signature _____ Date _____

Advisor's Signature _____ Date _____

Department Head's Signature _____ Date _____

**The final plan must be submitted to the Registrar's Office in the Wilbur Cross Building.
Please remember to keep a copy of the plan for your records.**

PART I: GENERAL EDUCATION REQUIREMENTS (GER) ¹

Courses approved to meet GER are outlined in the Academic Regulations section of the *Undergraduate Catalog*.

Courses in Content Areas 1-3 must be in 6 different departments.

One course from Content Area 4 may be used to fulfill a requirement in Content Areas 1-3.

Content Area	Dept.	Course No.	Credits	Semester/Year	Grade
Foreign Languages (3 years single language in high school) OR pass second course in first-year college sequence					
	_____	_____	_____	____ / ____	____
	_____	_____	_____	____ / ____	____
	ENGL 1010 or 1011	_____	_____	____ / ____	____
	"W" Course	_____	_____	____ / ____	____
	"W" Course (<i>within major</i>)	_____	_____	____ / ____	____
	"Q" Course	_____	_____	____ / ____	____
	"Q" Course (<i>MATH or STAT</i>)	_____	_____	____ / ____	____
1	Arts & Humanities (<i>total 6 credits</i>)	_____	_____	____ / ____	____
		_____	_____	____ / ____	____
2	Social Sciences (<i>total 6 credits</i>)	_____	_____	____ / ____	____
		_____	_____	____ / ____	____
3	Science & Technology (<i>total 6 credits – include one 4-credit laboratory course</i>)	_____	_____	____ / ____	____
		_____	_____	____ / ____	____
4	Diversity & Multiculturalism (<i>total 6 credits – one must be "International" course</i>)	_____	_____	____ / ____	____
		_____	_____	____ / ____	____

Computer Technology Competency: See major requirements

Information Literacy Competency: See major requirements

SUSTAINABLE PLANT AND SOIL SYSTEMS

PART II: INDIVIDUAL COURSE REQUIREMENTS OF SPSS MAJOR ¹

Courses in this section that are numbered 2000-level or above may also be used to meet the 36 Credit Requirement (Part III).

ALL of the following:

Dept.	No.	Course Title	Credits	Semester/Year	Grade
BIOL	1108 or 1110	Principles of Biology Introduction to Botany	4	_____ / _____	____
CHEM	1122 or 1124Q or 1127Q	Chemical Principles and Applications Fundamentals of General Chemistry I General Chemistry	4	_____ / _____	____
HORT	2560W	Written Communication in Horticulture	1	_____ / _____	____
PLSC	3810	Fundamentals of Plant Pathology	3	_____ / _____	____
PLSC	3820	Ecology and Control of Weeds	3	_____ / _____	____
PLSC	3830	Insect Pests of Ornamentals and Turf	3	_____ / _____	____
PLSC	4210	Plant Physiology: How Plants Work	3	_____ / _____	____
SOIL	2120	Environmental Soil Science	3	_____ / _____	____
SOIL	2125	Soils Lab	1	_____ / _____	____

Writing Competency: Students must pass HORT 2560W.

Information Literacy Competency: Satisfied by required courses for major.

The Sustainable Plant and Soil Systems major has concentrations in Environmental Horticulture, Sustainable Agriculture, and Turfgrass Science.

Environmental Horticulture Concentration

Dept.	No.	Course Title	Credits	Semester/Year	Grade
HORT	2750	Landscape Plant Maintenance	3	_____ / _____	____
HORT	3640	Plant Propagation	3	_____ / _____	____
<i>Two of the following:</i>					
HORT	3620	Vegetable Production	4	_____ / _____	____
HORT	3660	Nursery Production	3		
HORT	3670	Greenhouse Technology and Operations	3		
<i>Two of the following:</i>					
HORT	2430	Herbaceous Ornamental Plants	3	_____ / _____	____
HORT	3410	Woody Plants: Common Trees, Shrubs and Vines	3		
HORT	3560	Indoor Plants and Interiorscaping	3		
<i>Four of the following:</i>					
HORT	3540	Garden Center Management	3	_____ / _____	____
HORT	3765	Phytotechnology: Use of Plants for Ecosystem Services	3		
PLSC	2500	Principles and Concepts of Agroecology	3		
PLSC	3840	Integrated Pest Management	3		
PLSC	3990	Field Study Internship	____		
SOIL	3410	Soil Chemistry Components	4		
TURF	1100	Turfgrass Management	3		

<i>One of the following:</i>					
HORT	4650	Plant Tissue Culture	3	_____ / _____	_____
PLSC	3055	Genetically Engineered Crops from Farm to Fork	2		
PLSC	3210	Molecular Laboratory Technology	3		
PLSC	3230	Biotechnology – Science, Application, Impact, Perception	3		
PLSC	3240	Plant Biotechnology	3		
PLSC	3250	Plant Gene Transfer Techniques	3		
<i>One of the following:</i>					
ARE	1150	Principles of Agricultural and Resource Economics	3	_____ / _____	_____
ARE	3210	Essentials of Accounting and Business	3		
ECON	1200	Principles of Economics (Intensive)	4		
ECON	1201	Principles of Microeconomics	3		

Sustainable Agriculture Concentration

Dept.	No.	Course Title	Credits	Semester/Year	Grade
HORT	3620	Vegetable Production	4	_____ / _____	_____
PLSC	2100	Envir Sustainability of Food Prod in Developed Countries	3	_____ / _____	_____
PLSC	2500	Principles and Concepts of Agroecology	3	_____ / _____	_____
PLSC	3055	Genetically Engineered Crops from Farm to Fork	2	_____ / _____	_____
PLSC	3840	Integrated Pest Management	3	_____ / _____	_____
PLSC	3990	Field Study Internship	___	_____ / _____	_____
SOIL	3620	Soil Fertility	3	_____ / _____	_____
<i>At least 9 credits from the following:</i>					
ANSC	1001	Introduction to Animal Science	3	_____ / _____	_____
ANSC	3273	Livestock Management	4		
HORT	3640	Plant Propagation	3		
HORT	3670	Greenhouse Technology and Operations	3		
HORT	3765	Phytotechnology: Use of Plants for Ecosystem Services	3		
HORT	4650	Plant Tissue Culture	3		
NRE	4475	Forest Management	4		
PLSC	1125	Insects, Food and Culture	3		
PLSC	1150	Agricultural Technology and Society	3		
PLSC	3094	Seminar in U.S. Food Production Systems	1		
PLSC	3230	Biotechnology – Science, Application, Impact, Perception	3		
<i>One of the following:</i>					
EEB	2227	Biology of Plants	3	_____ / _____	_____
EEB	2244	General Ecology	4		
NRE	1000	Environmental Science	3		
NRE	1235	Environmental Conservation	3		
NRE	2000	Introduction to Geomatics	4		

NRE	2215	Introduction to Water Resources	3		
NRE	2600	Global Sustainable Natural Resources	3		
NRE	3125	Watershed Hydrology	3		
NRE	4170	Climate-Human-Ecosystem Interactions	3		
<i>One of the following:</i>					
AGNR	3350	Hispanic Culture & Communication in Agriculture	3		
ANTH	3523	The Origins of Agriculture	3		
ARE	1110	Population, Food, and the Environment	3		
ARE	3260	Food Policy	3	_____ / _____	_____
NRE	3245	Environmental Law	3		
NRE	3674	Intro to Environmental and Natural Resources of China	1		
SOCI	2705	Sociology of Food	3		
<i>One of the following:</i>					
ARE	1150	Principles of Agricultural and Resource Economics	3		
ARE	3210	Essentials of Accounting and Business	3		
ECON	1200	Principles of Economics (Intensive)	4	_____ / _____	_____
ECON	1201	Principles of Microeconomics	3		

Turfgrass Science Concentration

Dept.	No.	Course Title	Credits	Semester/Year	Grade
ARE	1150	Principles of Agricultural and Resource Economics	3	_____ / _____	_____
PLSC	3990	Field Study Internship	___	_____ / _____	_____
SOIL	3520	Urban and Sports Turf Soils	3	_____ / _____	_____
SOIL	3620	Soil Fertility	3	_____ / _____	_____
TURF	1100	Turfgrass Management	3	_____ / _____	_____
TURF	3200	Turfgrass Physiology and Ecology	3	_____ / _____	_____
TURF	3800	Turfgrass Pests and Control	3	_____ / _____	_____
<i>Three of the following:</i>					
HORT	2430	Herbaceous Ornamental Plants	3		
HORT	2750	Landscape Plant Maintenance	3		
HORT	3410	Woody Plants: Common Trees, Shrubs and Vines	3		
HORT	3560	Indoor Plants and Interiorscaping	3		
HORT	3620	Vegetable Production	4	_____ / _____	_____
HORT	3640	Plant Propagation	3		
HORT	3660	Nursery Production	3	_____ / _____	_____
HORT	3670	Greenhouse Technology and Operations	3		
HORT	4650	Plant Tissue Culture	3	_____ / _____	_____
PLSC	3210	Molecular Laboratory Technology	3		
PLSC	3230	Biotechnology – Science, Application, Impact, Perception	3		
PLSC	3240	Plant Biotechnology	3		
PLSC	3250	Plant Gene Transfer Techniques	3		

PLSC	3840	Integrated Pest Management	3		
SOIL	3410	Soil Chemistry Components	4		
<i>Two of the following:</i>					
ARE	3210	Essentials of Accounting and Business	3	_____ / _____	_____
ECON	1200	Principles of Economics (Intensive)	4		
ECON	1201	Principles of Microeconomics	3		
HORT	3540	Garden Center Management	3		

ONLINE PLAN OF STUDY FORM ATTACHMENT

PART III: 36 CREDIT REQUIREMENT FOR ALL MAJORS ¹

Each student is required to successfully complete at least 36 credits of courses that are numbered 2000-level or above in or relating to their major. These courses may also be used to meet other requirements. This group of courses must:

1. Total not less than 36 credits
2. Be numbered 2000 or above
3. Be approved by student's advisor and department head
4. Be taken at the University of Connecticut²
5. Include two or more departments
6. Include **at least 15 credits from departments in the College of Agriculture, Health and Natural Resources**
7. Have a combined Grade Point Average of at least 2.0
8. Not include more than 6 credits (combined) of Independent Study, Internship, or Field Studies (if included, these courses must be taken at the University of Connecticut)
9. Not be taken on Pass/ Fail (P@ / F@)
10. Not include more than 6 credits of Satisfactory/Unsatisfactory (S/U) coursework

Dept.	No.	Credits	Semester/Year	Grade
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____

Dept.	No.	Credits	Semester/Year	Grade
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____
_____	_____	_____	____ / ____	_____

Credits from departments in CAHNR (15 required): _____

(CAHNR subject codes include AGNR, AH, ANSC, ARE, DGS, DIET, HORT, KINS, LAND, MLSC, NRE, NUSC, PLSC, PVS, SOIL, TURF)

Total Credits in 36 credit group _____

¹Courses taken on Pass/Fail may NOT be used to meet any requirements.

²**Residence Requirement.** It is expected that advanced course work in the major will be completed at the University of Connecticut. However, students may be eligible to use up-to six credits from other institutions in the 36-credit group if approved by their advisor and department head. These credits must be identified as courses comparable to specific University of Connecticut courses and cannot include internships, special topics, or non-specific discipline credits. Transfer students must complete at least 30 credits of 2000-level or higher course work at the University of Connecticut, including at least 15 credits in College of Agriculture, Health and Natural Resources courses.