



**PART I: GENERAL EDUCATION REQUIREMENTS (GER) <sup>1</sup>**

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
<input type="checkbox"/> Foreign Languages (3 years single language in high school) OR pass second course in first-year college sequence					
<input type="checkbox"/>				____ / ____	____
				____ / ____	____
ENGL 1007 or 1010 or 1011				____ / ____	____
"W" Course				____ / ____	____
"W" Course ( <i>within major</i> )				____ / ____	____
"Q" Course				____ / ____	____
"Q" Course ( <i>MATH or STAT</i> )				____ / ____	____
Environmental Literacy ( <i>total 3 credits</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 SUSTAINABLE PLANT AND SOIL SYSTEMS MAJOR<sup>1</sup>

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 courses:**

Dept.	No.	Course Title	Credits	Semester/Year	Grade
BIOL	<input type="checkbox"/> or 1108	or Principles of Biology II	4	_____ / _____	_____
	<input type="checkbox"/> or 1110	or Introduction to Botany			
CHEM	<input type="checkbox"/> 1122	Chemical Principles and Applications	4	_____ / _____	_____
	<input type="checkbox"/> or 1124Q	or Fundamentals of General Chemistry I			
	<input type="checkbox"/> or 1127Q	or General Chemistry I			
SPSS	1120	Introduction to Plant Science	4	_____ / _____	_____
SPSS	2120	Environmental Soil Science	3	_____ / _____	_____
SPSS	2125	Soils Lab	1	_____ / _____	_____
SPSS	<input type="checkbox"/> 2110W	Sustainable Plant Pest Management Communication	1	_____ / _____	_____
	<input type="checkbox"/> or 3660W	Nursery Production			
SPSS	4210	Plant Physiology: How Plants Work	3	_____ / _____	_____

*Writing Competency:* Students must pass SPSS 3660W or 2110W.

*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
SPSS	3640	Plant Propagation	3	_____ / _____	_____
<i>Two of the following:</i>					
SPSS	<input type="checkbox"/> 3810	Fundamentals of Plant Pathology	3	_____ / _____	_____
SPSS	<input type="checkbox"/> 3820	Ecology and Control of Weeds	3		
SPPS	<input type="checkbox"/> 3830	Horticulture Entomology	3	_____ / _____	_____
<i>Two of the following:</i>					
SPPS	<input type="checkbox"/> 2430	Herbaceous Ornamental Plants	3	_____ / _____	_____
SPPS	<input type="checkbox"/> 3410	Woody Plants: Common Trees, Shrubs and Vines	3		
SPPS	<input type="checkbox"/> 3560	Indoor Plants and Interiorscaping	3	_____ / _____	_____
<i>Three of the following:</i>					
SPPS	<input type="checkbox"/> 3540	Garden Center Management	3	_____ / _____	_____
SPPS	<input type="checkbox"/> 3550	Urban Plant Systems Construction and Maintenance	3		
SPPS	<input type="checkbox"/> 3610	Organic and Sustainable Vegetable Production	3		

## SUSTAINABLE PLANT AND SOIL SYSTEMS

Dept.	No.	Course Title	Credits	Semester/Year	Grade
SPSS	<input type="checkbox"/> 3660	Nursery Production	3	____ / ____	____
SPSS	<input type="checkbox"/> 3670	Greenhouse Technology & Operations	3		
SPSS	<input type="checkbox"/> 4650	Plant Tissue Culture	3		

### SUSTAINABLE AGRICULTURE CONCENTRATION

Dept.	No.	Course Title	Credits	Semester/Year	Grade
SPSS	2100	Envir. Sustainability of Food Prod in Developed Countries	3	____ / ____	____
SPSS	2500E	Principles and Concepts of Agroecology	3	____ / ____	____
SPSS	3610	Organic and Sustainable Vegetable Production	4	____ / ____	____
SPSS	3620	Soil Fertility	3	____ / ____	____
SPSS	3840	Integrated Pest Management	3	____ / ____	____
SPSS	3990	Field Study Internship	____	____ / ____	____
<b>Two of the following:</b>					
SPSS	<input type="checkbox"/> 3810	Fundamentals of Plant Pathology	3	____ / ____	____
SPSS	<input type="checkbox"/> 3820	Ecology and Control of Weeds	3		
SPPS	<input type="checkbox"/> 3830	Horticulture Entomology	3		

### TURFGRASS SCIENCE CONCENTRATION

Dept.	No.	Course Title	Credits	Semester/Year	Grade
SPSS	1100	Turfgrass Management	3	____ / ____	____
SPSS	1115	Turfgrass Management Lab	1	____ / ____	____
SPSS	3150	Advanced Turfgrass Management	3	____ / ____	____
SPSS	3620	Soil Fertility	3	____ / ____	____
SPSS	3990	Field Study Internship	____	____ / ____	____
<b>Three of the following:</b>					
SPSS	<input type="checkbox"/> 3810	Fundamentals of Plant Pathology	3	____ / ____	____
SPSS	<input type="checkbox"/> 3820	Ecology and Control of Weeds	3		
SPPS	<input type="checkbox"/> 3830	Horticulture Entomology	3		
SPSS	<input type="checkbox"/> 3840	Integrated Pest Management	3		
<b>One of the following:</b>					
SPPS	<input type="checkbox"/> 2430	Herbaceous Ornamental Plants	3	____ / ____	____
SPPS	<input type="checkbox"/> 3410	Woody Plants: Common Trees, Shrubs and Vines	3		
SPPS	<input type="checkbox"/> 3550	Urban Plant Systems Construction & Maintenance	3		

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## ONLINE PLAN OF STUDY FORM ATTACHMENT

### PART III: 36 CREDIT REQUIREMENT FOR ALL MAJORS<sup>1</sup>

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 Connecticut<sup>2</sup>
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, ENVS, EVST, HORT, KINS, LAND, MLSC, NRE, NUSC, PLSC, PVS, SOIL, SPSS, TURF)

Total Credits in 36 credit group: \_\_\_\_\_

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

<sup>2</sup>**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.