

# UConn | COLLEGE OF AGRICULTURE, HEALTH AND NATURAL RESOURCES

## Sustainable Plant and Soil Systems - *Sustainable Agriculture Concentration*

### Sample Sequence of Courses

UConn Graduation Requirements are found at [catalog.uconn.edu](http://catalog.uconn.edu) - these include major and general education requirements (Content Areas: 1, 2, 3, and 4, Writing, Quantitative, \*\*Foreign Language and Environmental Literacy).

Students normally average 15 credits per semester over a 4-year period (fall/spring only) to meet the 120 academic credits required.

#### FIRST YEAR

| Fall Semester   |   | Spring Semester   |   |
|---|---|---|---|
| SPSS 2100 <b>Environmental Sustainability of Food Production in Developed Countries</b> | 3 | SPSS 2500E <b>Principles and Concepts of Agroecology</b>                          | 3 |
| SPSS 1120 <b>Introduction to Plant Science</b>  | 4 | Major Elective (SPSS 1150 <b>Agricultural Technology and Society</b> or ARE 1150) | 3 |
| CHEM 1122 or 1124Q or 1127Q*  | 4 | BIOL 1108 <b>Principles of Biology II*</b> (CA 3)                                 | 4 |
| ENGL 1007 or 1010 or 1011   | 4 | GEN ED  | 3 |
| UNIV 1800/1810 (FYE)  | 1 | Elective  | 3 |
| Total credits: 16   |   | Total credits: 16   |   |

#### SECOND YEAR

| Fall Semester   |   | Spring Semester  |        |
|---|---|--|--------|
| SPSS 3610 <b>Organic &amp; Sustainable Vegetable Production</b>   | 3 | SPSS 2120 <b>Environmental Soil Science</b>                | 3      |
| SPSS 2110W <b>Sustainable Plant Pest Management Communication</b> | 1 | SPSS 2125 <b>Soils Lab</b>                                 | 1      |
| Elective  | 3 | Major Elective SPSS 3840 <b>Integrated Pest Management</b> | 3      |
| GEN ED  | 3 | GEN ED (CA 1, 2, 4, or W)                                  | 3 or 4 |
| GEN ED/Elective/Foreign Language**                                | 3 | GEN ED/Elective/Foreign Language**                         | 3      |
| Elective Rec: ECON 1201 (CA2)                                     | 3 | Elective (SPSS 1150 or ARE 1150)                           | 3      |
| Total credits: 16   |   | Total credits: 16 or 17                                    |        |

Summer Session: SPSS 3081 **Summer Internship Experience**<sup>1</sup>, 0 credits

**THIRD YEAR** (If considering [Education Abroad](#), the Spring semester of the junior year is recommended in some majors).

| Fall Semester  |   | Spring Semester   |        |
|--|---|---|--------|
| SPSS 3990 <b>Field Study Internship</b> <sup>1</sup>                                       | 3 | SPSS 3550 <b>Urban Plant Systems Construction and Maintenance</b> | 3      |
| SPSS 3620 <b>Soil Fertility</b>  | 3 | Major Required/Related Elective                                   | 3 or 4 |
| SPSS 3810 <b>Fundamentals of Plant Pathology</b>   | 3 | Major Required/Related Elective                                   | 3      |
| SPSS 3820 <b>Ecology and Control of Weeds</b> or SPSS 3830 <b>Horticultural Entomology</b> | 3 | GEN ED (CA 1, 2, 4, or W)   | 3      |
| GEN ED (CA 1, 2, 4, or W)  | 3 | GEN ED Rec: STAT 1100Q  | 3      |
| Total credits: 15  |   | Total credits: 15 or 16   |        |

#### FOURTH YEAR

| Fall Semester   |   | Spring Semester                                    |   |
|---|---|--|---|
| SPSS 3820 or SPSS 3830  | 3 | SPSS 4210 <b>Plant Physiology: How Plants Work</b> | 3 |
| Major Elective Rec: SPSS 3410 <b>Woody Plants: Common Trees, Shrubs and Vines</b> | 3 | Major Required/Related Elective                    | 3 |
| Elective or SPSS 3990 <b>Field Study Internship</b> <sup>1</sup>                  | 3 | Major Required/Related Elective                    | 3 |
| Elective 2000 or above  | 3 | Elective   | 3 |
| Elective 2000 or above  | 3 | Elective   | 3 |
| Total credits: 15   |   | Total credits: 15                                  |   |

\*This General Education Requirement may also meet a major requirement.

\*\*Required if student has not met the University requirement of 3 years of a single foreign language in high school.

Students can elect to enroll in *Summer/Winter sessions*. Course options can be found at [summerwinter.uconn.edu](http://summerwinter.uconn.edu).

Students interested in Education Abroad, [egl.uconn.edu](http://egl.uconn.edu), should discuss options (semester, winter or summer) with major advisor.

<sup>1</sup>Internships may be done in the Fall or Spring semester. For internships done in the summer, students may enroll in SPSS 3081 Summer Internship Experience (for 0 credit) in the summer, and in the subsequent fall enroll in SPSS 3990 Field Study Internship for credit and submission of report. Students should discuss options with major advisor.