

# Horticulture

University of Wisconsin-River Falls  
[www.uwrf.edu/pes](http://www.uwrf.edu/pes)

## Goals and Objectives

- to provide students with the fundamental technical knowledge and skills that relate to all areas of horticulture
- to increase students' ability to solve problems and to adapt to changing conditions.

**Program and/or Curriculum** To complement horticulture courses, students also take courses in soils, biology, chemistry, math, and other disciplines. To sharpen communication skills, courses in communication, humanities, fine arts, and social sciences are included in the general education portion of the curriculum. A practical work experience through the internship program is also an integral part of the course of study. Many different opportunities exist in all aspects of horticulture. Placement sites include locations throughout the state, region, nation and even the world.

**Faculty** Horticulture faculty members are well-trained and are dedicated to educating students for their careers. Upon enrolling at UW-RF, you will be assigned a horticulture faculty advisor who will answer your questions, assist you in planning your program of study, and counsel you in career development. In addition, our horticulture faculty are knowledgeable about current opportunities and can provide graduates with letters of reference to potential employers.

**Career Opportunities** You can lend a hand to meet global demands for improved food production and aesthetically-pleasing interior and exterior environments by choosing a horticulture career. People with horticultural training are involved in a wide variety of careers including: landscape design, installation, or maintenance; retail garden center; golf course management; fruit or vegetable production; education and extension; plant propagation; crop pest management; ornamental plant nurseries; service enterprises; horticulture supply companies; public gardens; turfgrass or athletic field management; horticulture therapy; city parks; biotechnology; plant breeding; greenhouse industry; retail florist; interior plantscaping; tissue culture; research; or graduate school.

**Extracurricular Opportunities** Horticulture students are also encouraged to develop socially and professionally through participation in professional clubs and other organized activities. You will meet students who share interests and goals and have the opportunity to develop professional contacts and relationships, some lasting a lifetime, which can benefit you and your career. Opportunities include Horticulture Society, Pi Alpha Xi, and the Floral Evaluation Team.

**S**tudents majoring in horticulture receive career training for landscaping, fruit, vegetable, turfgrass, interior plantscaping, golf course, woody ornamentals, greenhouse, and related industries. Our state-of-the-art laboratories, including a tissue culture lab, computer-controlled greenhouses, plant materials nursery, and fruit orchard, supplement classroom instruction and provide excellent opportunities for hands-on experience.



# LANDSCAPE DESIGN AND CONTRACTING OPTION

Department of Plant and Earth Science  
324 Agriculture Science Hall  
(715) 425-3345



## Bachelor of Science Degree. Academic Advising Plan.

### Semester 1 (Fall)

CROP 161 Introduction to Plant Science .....	3
General Education CW (ENGL 100) .....	3
General Education HW (P ED 108).....	1
General Education M (MATH 146) .....	3
General Education SL (CHEM 121) .....	5
Total semester credits .....	15

### Semester 2 (Spring)

AGEN 150 Introduction to Ag Engineering .....	3
General Education S (BIOL 150) .....	3
HORT 169 Introduction to Horticulture .....	3
General Education HF .....	3
General Education SB .....	3
Total semester credits.....	15

### Semester 3 (Fall)

CHEM 230 General Organic Chemistry .....	3
ESM 151 Land Capability Analysis.....	3
HORT 200 Plant Propagation .....	3
HORT 352 Ornamental Plants .....	3
SOIL 210 Introduction to Soils .....	3
General Education HW (PE activity course) .....	5
Total semester credits .....	15.5

### Semester 4 (Spring)

AGEC 230 Ag Econ I .....	3
HORT 250 Intro Landscape Design .....	3
General Education CA (ENGL 200) .....	3
General Education CS (SCTA 116) .....	3
General Education HW (PE activity course) .....	5
General Education SB .....	3
Total semester credits .....	15.5

### Semester 5 (Fall)

AGEN 333 Landscape Construction .....	3
HORT 268 Herbaceous Perennials .....	3
HORT 310 Greenhouse Management .....	3
General Education EC .....	3
Diversity course .....	3
Total semester credits .....	15

### Semester 6 (Spring)

HORT 455 Turfgrass Management .....	3
SOIL 311 Soil Fertility .....	4
AGBI 251 Ag Biochemistry .....	3
Global Perspectives course .....	3
General Education HF .....	3
Total semester credits .....	16

### Semester 7 (Fall)

BIOL 314 Plant Pathology .....	3
CROP 257 Genetics .....	3
GENG 368 CAD Applications .....	3
HORT 347 Fruit Science .....	4
General Education MD .....	3
Total semester credits .....	16

### Semester 8 (Spring)

CROP 435 Crop Physiology .....	4
HORT 358 Landscape Design Practicum or SOIL 325 Wetland Environments.....	2-3
HORT 452 Arboriculture/Nursery Management .....	3
HORT 485 Horticulture Senior Seminar .....	1
Directed Elective course .....	3
Total semester credits .....	13-14

### Summer Session - Sophomore or Junior Year

HORT 270/370 Horticulture Internship .....	4
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## Summary of Horticulture Degree Requirements

General Education.....	41-44 cr.
Foundation Courses in CAFES .....	12 cr.
Core Horticulture Courses .....	16 cr.
Landscape Design and Contracting Courses.....	32-33 cr.
Required Supporting Courses .....	20 cr.
Credits to Degree .....	120-125 cr.