

Horticulture BSA Degree Requirements

General Education Core Curriculum

TOTAL DEGREE HOURS 120 hours

AREA I. Foundation Courses (10 hours)

ENGL 1101 or ENGL 1101E or ENGL 1101S (3)

ENGL 1102 or ENGL 1102E or ENGL 1103 or ENGL 1050H or ENGL 1060H (3)

FYOS 1001 (1)

MATH 1113 or MATH 2200 or MATH 2250 or MATH 2300H or MATH 2400 or MATH 2400H or
MATH 2410 or MATH 2410H (3)

AREA II. Sciences (8 hours)

Physical Sciences (3-4 hours)

Preferred Course(s): CHEM 1211, CHEM 1211L or CHEM 1311H, CHEM 1311L (4)

Life Sciences (4 hours)

Preferred Course(s): BIOL 1107, BIOL 1107L or BIOL 2107H, BIOL 2107L or P BIO 1210, P BIO 1210 (4)

AREA III. Quantitative Reasoning (3-4 hours)

Preferred course: STAT 2000

PHYS 1111, PHYS 1111L or PHYS 1112, PHYS 1112L

AREA IV. World Languages and Culture, Humanities and the Arts (12 hours)

World Languages and Culture (9 hours)

Preferred Course(s): HORT 2990S or SPAN 1001

Plus 6 additional hours

Humanities and the Arts (3 hours)

COMM 1110 or COMM 2150* (3)

AREA V. Social Sciences (9 hours)

HIST 2111, HIST 2111E, HIST 2111H, HIST 2112, HIST 2112E, HIST 2112H, HIST 3080H (3)

POLS 1101 or POLS 1101E or POLS 1105H (3)

Plus one additional social science (3)

Preferred course: AAEC 2580 or ECON 2106 or ECON 2106H (3)

Area VI (18 hours)

HORT 2000E (3)

HORT 2100 Introduction to Horticulture as a Profession (1)

CHEM 1212, CHEM 1212L; or CHEM 1312H, CHEM 1312L; or CHEM 2100, CHEM 2100L; or PHYS 1111-
1111L; or PHYS 1112-1112; or STAT 2000; or BIOL 1108, BIO 1108L (4)

Plus 10 additional hours of courses from Area II in Physical or Life Sciences

Major Requirements (60 hrs)

Horticulture Core Courses (14 hours)

CRSS 3060 Soil Science (4)
HORT 3620 Plant Propagation (3)
HORT 3640 Inheritance of Plant Traits (1)
HORT 4430/6430 or HORT 4430/6430E Plant Physiology (3)
HORT 4990/6990 Horticulture Seminar (1)

Horticulture Science (Choose at least 6 hours)

HORT 3620-3620L Plant Propagation (3)
HORT 4140/6140 Plant Breeding (3)
HORT 4210/6210 Post-Harvest Physiology (3)
HORT 4590/6590 Soil Fertility and Plant Nutrition (3)

Experiential Learning (Choose 3 hours)

HORT 3910 Horticulture Internship (3)
HORT 3920 UGArden Internship (3)
HORT 3930 Trial Garden Internship (3)
HORT 3940S Botanical Garden Internship (3)
HORT 4770E/6770E Discover the Wonderful World of Plants and Pollinators (3)
HORT 4920/6920 Organic Horticulture Entrepreneurship (3)
HORT 4960R Undergraduate Horticulture Research (3)

Plant Protection Course (Choose 6 hours)

CRSS 4340-4340L Weed Science (4)
CRSS 4250/6250 Pesticides and Transgenic Crops (3)
ENTO 3740-3740L Insect Pest Management (4)
ENTO 4500E/6500E Biological Control of Insects (3)
ENTO 4740/6740 Integrated Pest Management (3)
PATH 3530 Plant Pathology (3)
PATH 4360/6360 Ornamental Pest Management (3)

Crop Management Courses (Choose 6 hours)

HORT 4010/6010 Vegetable Production (3)
HORT 4015/6015 Medicinal Herb Production (3)
HORT 4020/6020 Fruit Production (3)
HORT 4050/6050 Greenhouse Management (3)
HORT 4090/6090 Sustainable Landscape Management and Design (3)
HORT 4125/6125 Organic Agriculture Systems (3)
HORT 4630/6630 Nursery Management (3)

Business Course (Choose 3 hours)

AAEC 3200 Selling in Agribusiness (3)
AAEC 3980 and 3980E Introduction to Agribusiness Management (3)
AGCM 3820E Branding and Marketing for Agricultural Communication (3)
ENTR 5500 Introduction to Entrepreneurship (3)

HORT 4091/6091 Horticulture Professional Practices (3)

Horticulture Major Electives (18 hours)

Courses will be selected from a list of Horticulture, Pathology, Entomology, Crop and Soils, Ag and Environmental Economics, and Landscape Architecture courses in consultation with their faculty mentor. Students may also choose from a select list of social science courses directly related to careers in allied horticulture fields of study. Students can use electives to dig deeper or broaden their horizon. Though students are free to choose any horticulture electives, below are examples of pathways students can pursue if they have an interest in a specific area of study under the umbrella of horticulture. Pathways include: **Sustainable and Organic Food Production, Urban Forestry, Medicinal Plants, Greenhouse Nursery Production, Botanical Gardens and Public Horticulture, Landscape Contracting, STEM and Research, Pre-Med**

Notes:

- This course outline was created to serve as a general guide
- The UGA Bulletin provides a detailed listing of up-to-date curriculum requirements
- Transfer credit and equivalency is determined by the UGA Admissions Office