

Horticulture

FRUIT AND VEGETABLE PRODUCTION OPTION (HFFV)

2017-2018

As a student in production horticulture, you will find many opportunities to support fruit and vegetable production, including cooperative extension, research with private companies and government agencies such as the USDA-ARS, and marketing.

FRESHMAN YEAR

| FALL | | SPRING | |
|---|-------|--|-----|
| HORT 1010 Introduction to Horticulture | 1 | BIOL 1030/1031 Organismal Biology + Lab | 3+1 |
| BIOL 1020/1021 Principles of Biology+Lab | 3+1 | ENGL 1120 English Composition II | 3 |
| Core Mathematics ¹ | 3-4 | Core History Sequence II or Core Social Science ² | 3 |
| ENGL 1100 English Composition I | 3 | COMM 1000 Public Speaking | 3 |
| Core History Sequence I ² | 3 | Core Fine Arts | 3 |
| | 14-15 | | 16 |

SOPHOMORE YEAR

| FALL | | SPRING | |
|---|----|--|-------|
| HORT 2010 Fruit and Nut Production | 4 | HORT 2030 Vegetable Production | 3 |
| Social Science Choice | 3 | HORT 2240 Plant Propagation[†] | 3 |
| Core Literature I ² | 3 | CSES 2040 or 2043 Basic Soil Science | 4 |
| CHEM 1030 Fundamentals of Chemistry I | 3 | ECON 2020 Principles of Microeconomics | 3 |
| CHEM 1031 Fundamentals of Chemistry I Lab | 1 | Elective | 3-4 |
| | 14 | | 16-17 |

JUNIOR YEAR

| FALL | | SPRING | |
|---|-------|--|-------|
| HORT 3000 Growth and Development of Horticultural Plants[†] | 3 | HORT 5120 Small Fruit and Pecan Culture³ | 3 |
| Group 1 or 2 | 3-4 | Group 1 or 2 | 3-4 |
| AGEC 4000 Principles of Agribusiness Management | 3 | PLPA 3000 General Plant Pathology | 4 |
| Core Literature II or Humanities Choice ² | 3 | ENTM 4020 Economic Entomology | 4 |
| Elective | 3 | Elective | 3 |
| | 15-16 | | 17-18 |

SUMMER

HORT 5110 Tree Fruit Culture[†] 3

SENIOR YEAR

| FALL | | SPRING | |
|---------------------------------------|-------|--|------|
| Group 1 or 2 | 3-4 | HORT 5130 Sustainable Vegetable Crop Production | 3 |
| Group 1 or 2 | 3-4 | HORT 5140 Postharvest Biology and Technology | 3 |
| Group 1 or 2 | 3-4 | Electives | 2-8 |
| HORT 4000 Pesticide Management | 3 | UNIV 4AA0 University Graduation | 0 |
| | 12-16 | | 8-14 |

Total Hours Required: 120

Group 1 (Business Emphasis): FLSP 1010 Elementary Spanish I (4); HORT 2210 Landscape Gardening (4); ACCT 2810 Fundamentals of Accounting (3) or ACCT 2110 Principles of Financial Accounting (3); AGECE 3010 Agribusiness Marketing (3); CSES 3150 Turfgrass Management (4); MKTG 3310 Principles of Marketing (3); FINC 3610 Principles of Business Finance (3); HORT 3920 Horticulture Internship (4); AGECE 4070 Agricultural Law (3); HORT 5150 Retail Garden Center Management[†] (3); HORT 4250 Intermediate Fruit and Vegetable Production[†] (3); HORT 5230 Nursery Management (4); HORT 5240 Public Gardens Management[†] (3).

Group 2 (Science Emphasis): PHYS 1500 General Physics (4); PHYS 1510 General Physics II (4); MATH 1610 Calculus I (4); MATH 1620 Calculus II (4); CHEM 2070 & 2071 Organic Chemistry I & Lab (4); CHEM 2080 & 2081 Organic Chemistry II & Lab (4); STAT 2510 Statistics for Biological and Health Sciences (3); STAT 2710 Statistical Computing (1); BIOL 3000 Genetics (3); CHEM 3050 & 3051 Analytical Chemistry & Lab (4); CSES 3120 Principles of Weed Science (4); HORT 4930 Directed Study (3); HORT 4970 Special Topics (3); CSES 5010 Analysis of Plant, Soil, and Animal Data (3); CHEM 5180 & 5181 Biochemistry I & Lab (4); CHEM 5190 & 5191 Biochemistry II & Lab (4); HORT 5910 Horticulture Practicum (3).

1 Any core MATH course, except MATH 1100 may be chosen.

2 All students must complete at least one literature course and a history sequence OR a literature sequence and at least one history course for a total of 12 hours in Humanities and 12 hours in Social Sciences.

3 Even years only.

4 Odd years only.

[†] Course may be offered Summer semester

TRANSFER EQUIVALENCIES

FRUIT AND VEGETABLE PRODUCTION OPTION (HFFV)

ALABAMA COMMUNITY COLLEGE COURSES

CREDIT HOURS

AUBURN EQUIVALENT

| | | |
|--|------|------------------------------|
| BIO 103, Principles of Biology I | 4 | BIOL 1020/1021 |
| BIO 104, Principles of Biology II | 4 | BIOL 1030/1031 |
| CHM 111, College Chemistry I | 4 | CHEM 1030, 1031 Lab |
| ECO 232 Principles of Microeconomics | 3 | ECON 2020 |
| ENG 101, English Composition I | 3 | ENGL 1100 |
| ENG 102, English Composition II | 3 | ENGL 1120 |
| Select One Fine Arts: | | |
| ART 100, Art Appreciation | | |
| ART 203 or 204, Art History I or II | | |
| MUS 101, Music Appreciation | | |
| THR 120, Theater Appreciation | 3 | Core Fine Arts |
| Select one: | | |
| ANT 200, Introduction to Anthropology | | |
| GEO 100, World Regional Geography | | |
| PSY 200, Gen. Psychology | | |
| SOC 200, Introduction to Sociology | 3 | Core Social Science |
| Select one sequence: | | |
| HIS 101 & 102, Western Civilization I & II | | |
| HIS 121 & HIS, 122 World History I & II | | |
| HIS 201 & 202, U. S. History I & II | 6 | Core History* |
| Select one: | | |
| ENG 251, American Literature I or II | | |
| ENG 261, English Literature I or II | | |
| ENG 271, World Literature I or II | 3 | Core Literature* |
| MTH 112, Precalculus Algebra | 3 | MATH 1120 |
| PHL 206, Ethics & Society or IDS 102, Ethics | 3 | Core Humanities |
| SPH 106, Fundamentals of Oral Communication or SPH 107, Fundamentals of Public Speaking | 3 | COMM 1000 |
| Group 1 or 2 ** | | |
| BUS 241 Principles of Accounting I | 3 | ACCT 2110 |
| SPA 101, Introductory Spanish I | 4 | FLSP 1010 |
| CHM 112 College Chemistry II | 4 | CHEM 1040, 1041 Lab |
| MTH 125 Calculus I, MTH 126 Calculus II | 4, 4 | MATH 1610, MATH 1620 |
| PHY 201 Physics I, PHY 202 Physics II | 4, 4 | PHYS 1500+Lab, PHYS 1510+Lab |
| CHM 221 Organic Chemistry I, | 4 | CHEM 2070+Lab |
| CHM 222 Organic Chemistry II | 4 | CHEM 2080+Lab |
| General Electives to total 60 hours | 5 | Free electives |

*All students must complete at least one literature course and a history sequence OR a literature sequence and at least one history course for a total of 12 hours in Humanities and 12 hours in Social Sciences.

**Group 1 or 2 equivalent courses are not part of the Core Curriculum at Auburn University