All students must complete two Global Issues courses (▲). This requirement is the successor to the diamond and asterisk requirement.

All students must take a Social Diversity requirement in the GE by completing Rural Sociology 1500 or Sociology 1101.

**Required Courses – Sustainable Plant Systems Major**

- **FAES 1100 and Dept. Seminar** 5, 5
- **Writing Level 1 (English 1110)** 3
- **Writing Level 2 (2367) see approved CFAES GE List** 3
- **Agr Comm 3130 or Comm 2110** 3
- **Math 1130 or 1148** 4
- **Data Analysis (HCS 2260 recommended)** 3
- **Biological Science (Bio 1113 req’d)** 4
- **Physical Science (Chem 1110 or 1210)** 5
- **Social Science 1 (Rural Soc 1500 or Social 1101)** 3
- **Social Science 2 (AED Econ 2001 or Econ 2001)** 3

**Required: Horticulture Specialization**

- **HCS 3521** Basic Greenhouse Production 2
- **HCS 5450** Vegetable Production 3
- **HCS 5460** Fruit Crop Physiology and Production 3
- **HCS 5533** Nursery Production 3

**Required : Support for Horticulture Specialization**

- **PLNTPATH 3002** General Plant Pathology Lab 2
- **ENTMLGY 4601 or 4602** General Insect Pest Management or Landscape Entomology 2

**Additional Electives to Complete the Horticulture Specialization**

- **HCS 2200** Science of Sustainable Plant Production 3
- **HCS 2203** Human & Cultivated Plant Interactions 3
- **HCS 2305** Organic Gardening 1
- **HCS 2306** Sustainable Vegetable Practicum 3
- **HCS 2340** Landscape Plants I 3
- **HCS 3340** Landscape Plants II 4
- **HCS 3380** Latino Workforce 2
- **HCS 3420** Seed Science 3
- **HCS 3522** Sustainable Irrigation and Fertigation Practices 2
- **HCS 3401.01** Greenhouse Industry 1
- **HCS 3401.02** Environmental Horticulture Organization 1
- **HCS 4325** Plant Genetics 3
- **HCS 3488.01** Professional Development 1-3
- **HCS 4193** Individual Studies 1-3
- **HCS 4560** Creating a Virtual Perspective 3
- **HCS 5193** Independent Study 1-3
- **HCS 5306** Sustainable Vegetable Production Practicum 3
- **HCS 5422** Principles of Weed Ecology and Management 3
- **HCS 5521** Advanced Greenhouse Production 3
- **HCS 5097.01-.04** Study Abroad Pre-Departure Course 1-2
- **HCS 5797.01-.04** Study Abroad 3-6
- **HCS 5602** The Ecology of Agriculture 3
- **HCS 5621** Physiology of Cultivated Plants 3
- **HCS 5630** Seed Production 3
- **HCS 5730** Seed Ecology and Physiology 2
- **PLNTPATH 5120 or 5150** Diseases of Ornamentals or Fruit & Vegetable Diseases 2
- **ENR 3001** Soil Science Lab 1