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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Writing Level 1 (1110)</td>
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<tr>
<td>Writing Level 2 (2367) see approved CFAES GE List</td>
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<tr>
<td>Agr Comm 3130 or Comm 2110</td>
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<tr>
<td>Math 1130 or 1148</td>
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<tr>
<td>Data Analysis (HCS 2260 recommended)</td>
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<tr>
<td>Biological Science (Bio 1113)</td>
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<tr>
<td>Physical Science (Chem 1110 or 1210)</td>
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<td>Major</td>
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<tr>
<td>Add’l Sci. (HCS 2201 Ecol of Mng’d Plt Sys. req’d)</td>
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<tr>
<td>Social Science 1 (Rural Soc 1500 or Social 1101)</td>
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<td>Internship (HCS 4191.01)</td>
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<tr>
<td>Social Science 2 (AED Econ 2001 or Econ 2001)</td>
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<td>Electives</td>
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<td><strong>Total Credit Hours</strong></td>
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</table>

### Required Courses – Sustainable Plant Systems Major

- **HCS 2200 or 2203** Science of Sustainable Plant Prod. or Human & Cultivated Plant Interactions 3
- **HCS 3320 or 3420** Plant Propagation or Seed Science 3
- **PLNTPATH 3001** General Plant Pathology 3
- **ENTMLGY 4600** Intro to Insect Science 1
- **ENR 3000** Soil Science 3
- **HCS 4600 or 5401** Capstone or Sustainable Landscape Design III (Capstone Alternate) 2-3
- **HCS 5001** Managing your Virtual Portfolio (part of capstone req.) 1

### Required for Landscape Design and Management Specialization

- **HCS 2340** Landscape Plants I 3
- **HCS 3340** Landscape Plants II 4
- **HCS 2401** Sustainable Landscape Design I 3
- **HCS 3410** Sustainable Landscape Maintenance Practices 2
- **HCS 4410** Sustainable Landscape Management 3

### Students Must Select a Design Option or a Landscape Management Option for additional credits

#### Design Option

- **HCS 4401** Sustainable Landscape Design II 3
- **HCS 5401** Sustainable Landscape Design III 3

#### Landscape Management Option

- **HCS 3470** Principles of Turfgrass Management 3
- **HCS 5422** Principles of Weed Ecology and Management 3
- **ENTMLGY 4602** Landscape Entomology 3

### Additional Elective Coursework to Complete the Landscape Design and Management Specialization

- **HCS 2203** Human & Cultivated Plant Interactions (if not taken above) 3
- **HCS 3320** Plant Propagation (if not taken above) 3
- **HCS 3401** HCS Industries & Organizations 1-3
- **HCS 3438** Theme and Specialty Gardens 2
- **HCS 3439** Design of Specialty Gardens 1
- **HCS 3522** Sustainable Irrigation & Fertigation Practices 2
- **HCS 4193** Individual Studies 1-3
- **HCS 4189** Professional Development 1-3
- **HCS 4560** Creating a Virtual Perspective 3
- **HCS 5193** Independent Study 1-3
- **HCS 5533** Nursery Management 3
- **HCS 5097.01-.04** Study Abroad Pre-Departure 1-2
- **HCS 5797.01-.04** Study Abroad 3-6
- **PLNTPATH 3002 or 5120** Gen’l Plant Pathology Lab or Diseases of Ornamentals 2

1. May be taken as elective by students in Landscape Management Option
2. If not taken as Capstone
3. May be taken as elective by students in Landscape Design Option