Bachelor of Science in Agriculture
Major: Sustainable Plant Systems
Specialization: Agroecology

This specialization focuses on understanding and applying ecological principles in crop production to integrate natural biological cycles and controls, make efficient use of resources, enhance environmental quality, and increase biodiversity. Students in this major will complete a minimum of 121 hours outlined as follows.

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Course Options</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GE Launch Seminar</td>
<td>GENED 1201</td>
<td>1</td>
</tr>
<tr>
<td>Writing and Information Literacy</td>
<td>Major requirement: ENGLISH 1110 * (or Student Choice – see below)</td>
<td>3</td>
</tr>
<tr>
<td>Mathematical &amp; Quantitative Reasoning/Data Analysis</td>
<td>Major requirement: MATH 1130, 1148, 1150, 1151, or 1156 * (or Student Choice – see below)</td>
<td>4-5</td>
</tr>
<tr>
<td>Literary, Visual and Performing Arts</td>
<td>Student Choice</td>
<td>3</td>
</tr>
<tr>
<td>Historical &amp; Cultural Studies</td>
<td>Student Choice</td>
<td>3</td>
</tr>
<tr>
<td>Natural Science</td>
<td>Major requirement: BIOLOGY 1113 * (or Student Choice – see below)</td>
<td>4</td>
</tr>
<tr>
<td>Social &amp; Behavioral Sciences</td>
<td>Major requirement: AEDECON 2001 or ECON 2001.01 * (or Student Choice – see below)</td>
<td>3</td>
</tr>
<tr>
<td>Race, Ethnic and Gender Diversity</td>
<td>Student Choice</td>
<td>3</td>
</tr>
<tr>
<td>Theme: Citizenship for a Diverse &amp; Just World</td>
<td>Student Choice</td>
<td>4-6</td>
</tr>
<tr>
<td>Theme: Student Choice*</td>
<td>Student Choice</td>
<td>4-6</td>
</tr>
<tr>
<td>GE Reflection</td>
<td>GENED 4001</td>
<td>1</td>
</tr>
</tbody>
</table>

Credit Hours: 33-38

* Indicates a pre/corequisite course for this major that also satisfies this GE category. If a student makes an alternative selection in this GE category, they must also complete this course.

B.S. in Agriculture Degree Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Course Options</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>College &amp; Department Survey</td>
<td>FAES 1100 (0.5) &amp; HCS 1100 (0.5)</td>
<td>1</td>
</tr>
<tr>
<td>Oral Expression</td>
<td>AGRCOMM 3130 or COMM 2110</td>
<td>3</td>
</tr>
<tr>
<td>Additional Science</td>
<td>CHEM 1110, 1210, or 1220</td>
<td>5</td>
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<tr>
<td>Internship</td>
<td>FAES 3191 &amp; HCS 4191.01</td>
<td>2</td>
</tr>
<tr>
<td>Minor Equiv.</td>
<td>See pg. 2</td>
<td>15-18</td>
</tr>
</tbody>
</table>

| General Education | 33-38 |
| Degree Requirements | 26-29 |
| Major Supporting Courses (pg. 2) | 12 |
| Major | 41-42 |
| Open Electives | 9-9 |
| Minimum Total Credit Hours | 121 |

* Students complete either a 4-credit course or two 3-credit courses in each of two General Education Theme areas: Citizenship for a Diverse & Just World (required), and the student’s choice of available GE Themes. If any major-required courses are identified as a GE Theme course, one course in each GE Theme area may double count in the GE and major hours. Theme courses are identified with a * symbol.
* Students in this program complete a group of courses called a minor equivalent. Declaring an additional minor is not required.
* Only up to 6 credits of any combination of 4193, 4998, 4999, or 4999H can count towards major electives.
* Review prerequisites.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>HCS 2202</td>
<td>Form and Function in Cultivated Plants</td>
<td>4</td>
</tr>
<tr>
<td>HCS 2201</td>
<td>Ecology of Managed Plant Systems (prior to A22)</td>
<td>4</td>
</tr>
<tr>
<td>HCS 2204 &amp;</td>
<td>Ecology of Managed Plant Systems Lab (3)</td>
<td></td>
</tr>
<tr>
<td>HCS 2205</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCS 2260</td>
<td>Data Analysis and Interpretation for Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>HCS 3100</td>
<td>Intro to Agronomy</td>
<td>3</td>
</tr>
<tr>
<td>HCS 3200</td>
<td>Intro to Horticulture</td>
<td>3</td>
</tr>
<tr>
<td>HCS 3220</td>
<td>Crop Origins and Diversity</td>
<td>2</td>
</tr>
<tr>
<td>HCS 3310</td>
<td>Crop Responses to the Environment</td>
<td>3</td>
</tr>
<tr>
<td>HCS 3320-*</td>
<td>Plant Propagation</td>
<td></td>
</tr>
<tr>
<td>HCS 3420</td>
<td>Seed Science</td>
<td>3</td>
</tr>
<tr>
<td>HCS 5422</td>
<td>Biology &amp; Mgmt of Weeds and Invasive Plants</td>
<td>3</td>
</tr>
<tr>
<td>ENR 3000</td>
<td>Soil Science</td>
<td>3</td>
</tr>
<tr>
<td>ENR 3001</td>
<td>Soil Science Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

Select one production course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCS 5411</td>
<td>Grain, Oilseed, and Fiber Crops</td>
<td></td>
</tr>
<tr>
<td>HCS 5412</td>
<td>Agroecology of Grasslands and Prairies</td>
<td></td>
</tr>
<tr>
<td>HCS 5450</td>
<td>Veg Crop Production &amp; Physiology</td>
<td></td>
</tr>
<tr>
<td>HCS 5460</td>
<td>Fruit Crop Physiology &amp; Production</td>
<td></td>
</tr>
</tbody>
</table>

Select one capstone course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCS 5100</td>
<td>Advanced Cropping Systems</td>
<td></td>
</tr>
<tr>
<td>HCS 5200</td>
<td>Advanced Horticultural Principles and Practices</td>
<td></td>
</tr>
<tr>
<td>HCS 5602</td>
<td>The Ecology of Agriculture</td>
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</table>

Major Electives: Select 6-7 credit hours from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>HCS 2307</td>
<td>Sustainable Agriculture Practical Experience</td>
<td>2</td>
</tr>
<tr>
<td>HCS 3380</td>
<td>Latino Workforce in Land Based Industry</td>
<td>2</td>
</tr>
<tr>
<td>HCS 3488.01</td>
<td>Professional Development in HCS</td>
<td>1-3</td>
</tr>
<tr>
<td>HCS 3521</td>
<td>Greenhouse Systems and Management</td>
<td>2</td>
</tr>
<tr>
<td>HCS 3522</td>
<td>Sustainable Irrigation</td>
<td>3</td>
</tr>
<tr>
<td>HCS/AGSYST 3585</td>
<td>Digital Agriculture</td>
<td></td>
</tr>
<tr>
<td>HCS/AGSYST 3586</td>
<td>Digital Agriculture Laboratory</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>HCS 4193</td>
<td>Individual Studies</td>
<td>1-3</td>
</tr>
<tr>
<td>HCS 4300</td>
<td>Hydroponic Crop Production</td>
<td></td>
</tr>
<tr>
<td>HCS 4301</td>
<td>Hydroponic Crop Production Lab</td>
<td>1</td>
</tr>
<tr>
<td>HCS 4520</td>
<td>Medicinal Plants</td>
<td>3</td>
</tr>
<tr>
<td>HCS 4958</td>
<td>Undergraduate Research</td>
<td></td>
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<tr>
<td>HCS 4999</td>
<td>Research with Distinction</td>
<td>1-6</td>
</tr>
<tr>
<td>HCS 4999H</td>
<td>Honors Research with Distinction</td>
<td>1-6</td>
</tr>
<tr>
<td>HCS 5907.01-04 &amp; 5977.01-04</td>
<td>Study Abroad Pre-Departure &amp; Study Abroad</td>
<td>4</td>
</tr>
<tr>
<td>HCS 5306</td>
<td>Sustainable Vegetable Production Practicum</td>
<td>3</td>
</tr>
<tr>
<td>HCS 5325</td>
<td>Plant Genetics</td>
<td>3</td>
</tr>
<tr>
<td>HCS 5420</td>
<td>Environmental Impacts of Crop-Livestock Systems</td>
<td>3</td>
</tr>
<tr>
<td>HCS 5621</td>
<td>Physiology of Cultivated Plants</td>
<td></td>
</tr>
<tr>
<td>HCS 5622</td>
<td>Biochemical Processes in Cultivated Plants</td>
<td></td>
</tr>
<tr>
<td>HCS 5625</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>HCS 5825</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCS 5887</td>
<td>Introduction to Experimental Design</td>
<td>3</td>
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</tbody>
</table>

Credit Hours: 41-42

Degree requirements and course offerings are subject to change. Last updated on: 5/4/22
### Major Supporting Coursework

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOLOGY 1114</td>
<td>Biological Sciences: Form, Function, Diversity, and Ecology</td>
<td>4</td>
</tr>
<tr>
<td>EEOB 3310.01 or .02</td>
<td>Evolution</td>
<td>4</td>
</tr>
<tr>
<td>EEOB 3410</td>
<td>Ecology</td>
<td>4</td>
</tr>
<tr>
<td>ENR 5274</td>
<td>Return to Spatial Information for ENR</td>
<td>3</td>
</tr>
<tr>
<td>ENR 4260</td>
<td>Soil Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>ENR 4285</td>
<td>Watershed Hydrology</td>
<td>3</td>
</tr>
<tr>
<td>ENR 5280</td>
<td>Soil Landscapes: Morphology, Genesis &amp; Classification</td>
<td>3</td>
</tr>
<tr>
<td>ENR 5263</td>
<td>Biology of Soil Ecosystems</td>
<td>3</td>
</tr>
<tr>
<td>ENR 5268</td>
<td>Soils and Climate Change</td>
<td>2</td>
</tr>
<tr>
<td>ENR 5270</td>
<td>Soil Fertility</td>
<td>3</td>
</tr>
<tr>
<td>ENR 5279</td>
<td>Urban Soils and Ecosystem Services</td>
<td>3</td>
</tr>
<tr>
<td>ANIMSCI 3400</td>
<td>Management Intensive Grazing</td>
<td>2</td>
</tr>
<tr>
<td>ENTMLGY 4600</td>
<td>Introduction to Insect Science</td>
<td>1</td>
</tr>
<tr>
<td>ENTMLGY 4601</td>
<td>General Insect Pest Management</td>
<td>2</td>
</tr>
<tr>
<td>ENTMLGY 5420</td>
<td>Insect Behavior</td>
<td>3</td>
</tr>
<tr>
<td>ENTMLGY 5500</td>
<td>Biological Control</td>
<td>3</td>
</tr>
<tr>
<td>ENTMLGY 5600</td>
<td>Integrated Pest Management</td>
<td>3</td>
</tr>
<tr>
<td>PLNTPTH 3001</td>
<td>General Plant Pathology</td>
<td>3</td>
</tr>
<tr>
<td>PLNTPTH 3002</td>
<td>General Plant Pathology Lab</td>
<td>2</td>
</tr>
<tr>
<td>PLNTPTH 5110</td>
<td>Ecology and Management of Pathogens and Insects Affecting Trees in Forest &amp; Urban Env.</td>
<td>3</td>
</tr>
<tr>
<td>PLNTPTH 5140</td>
<td>Diseases of Field Crops</td>
<td>2</td>
</tr>
<tr>
<td>PLNTPTH 5150</td>
<td>Fruit and Vegetable Diseases</td>
<td>3</td>
</tr>
<tr>
<td>PLNTPTH 5603</td>
<td>Plant Disease Management</td>
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<tr>
<td>AGSYSTMT 3580</td>
<td>UAS and Remote Sensing in Agriculture</td>
<td>3</td>
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<tr>
<td>EEOB 4410</td>
<td>Conservation Biology</td>
<td>3</td>
</tr>
<tr>
<td>EEOB 4430</td>
<td>Ecological Methods I</td>
<td>2</td>
</tr>
<tr>
<td>EEOB 5450</td>
<td>Population Ecology</td>
<td>3</td>
</tr>
<tr>
<td>EEOB 5470</td>
<td>Community and Ecosystems Ecology</td>
<td>3</td>
</tr>
<tr>
<td>ENR 4320</td>
<td>Sustainable Forest Products</td>
<td>3</td>
</tr>
<tr>
<td>ENR 5274</td>
<td>Ecosystem Simulation</td>
<td>3</td>
</tr>
<tr>
<td>ADECON 4532</td>
<td>Food Security and Globalization</td>
<td>3</td>
</tr>
<tr>
<td>ANIMSCI 3600</td>
<td>Global Food and Agriculture</td>
<td>3</td>
</tr>
<tr>
<td>EEOB 4240 -or- ANTHRO 5814</td>
<td>Ecology &amp; Evolution of Plants and People - or-Ethnobotany</td>
<td>3</td>
</tr>
<tr>
<td>HCS/AGSYSMT 3585</td>
<td>Digital Agriculture</td>
<td>3</td>
</tr>
<tr>
<td>HCS/AGSYSMT 3586</td>
<td>Digital Agriculture Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>ENR 5600</td>
<td>Sustainable Agriculture and Food Systems</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3000</td>
<td>Global Climate Change</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 5000</td>
<td>Weather, Climate, &amp; Global Warming</td>
<td>3</td>
</tr>
</tbody>
</table>

### Minor Equivalent (15-18 hours): Select a minimum of 5-9 credit hours from both Group A and Group B, remainder of credits from Group C1 and/or C2

#### Group A: Soil Ecology and Management
- ENR 3700 Introduction to Spatial Information for ENR
- ENR 4260 Soil Resource Management
- ENR 4285 Watershed Hydrology
- ENR 5260 Soil Landscapes: Morphology, Genesis & Classification
- ENR 5263 Biology of Soil Ecosystems
- ENR 5268 Soils and Climate Change
- ENR 5270 Soil Fertility
- ENR 5279 Urban Soils and Ecosystem Services
- ANIMSCI 3400 Management Intensive Grazing
- ENTMLGY 4600 Introduction to Insect Science
- ENTMLGY 4601 General Insect Pest Management
- ENTMLGY 5420 Insect Behavior
- ENTMLGY 5500 Biological Control
- ENTMLGY 5600 Integrated Pest Management
- PLNTPTH 3001 General Plant Pathology
- PLNTPTH 3002 General Plant Pathology Lab
- PLNTPTH 5110 Ecology and Management of Pathogens and Insects Affecting Trees in Forest & Urban Env.
- PLNTPTH 5140 Diseases of Field Crops
- PLNTPTH 5150 Fruit and Vegetable Diseases

#### Group B: Biotic Interactions in Agroecosystems
- ANIMSCI 3600 Global Food and Agriculture
- EEOB 4240 Ecology & Evolution of Plants and People - or-Ethnobotany
- HCS/AGSYSMT 3585 Digital Agriculture
- HCS/AGSYSMT 3586 Digital Agriculture Laboratory
- ENR 5600 Sustainable Agriculture and Food Systems
- GEOG 3000 Global Climate Change
- GEOG 5000 Weather, Climate, & Global Warming

### Policies and General Requirements for Degree
- A minimum of 121 total credit hours. Remedial coursework (English 1109; EDUTL 1001, 1002, 1003, 1004, 1005, 1006, 1017, 1010; Mathematics 1040, 1050, 1073, 1074, 1075) do not count toward the 121-hour minimum requirement for the BS degree.
- A minimum of 30 semester hours of credit earned through regular course enrollment at this University, and regular course enrollment in the last semester in the College of Food, Agricultural, and Environmental Sciences.
- A cumulative point-hour ratio of at least 2.00 on all coursework completed at The Ohio State University as well as at least a 2.00 in the major.
- A major-required course or major elective is a GE Theme course, two 3-4 cr courses (no more than one per theme area) is permitted to double count in the GE and major hours. GE Theme courses are indicated with a symbol.
- If a major-required course or major elective is a GE Theme course, two 3-4 cr courses (no more than one per theme area) is permitted to double count in the GE and major hours. GE Theme courses are indicated with a symbol.
- A college maximum of six hours of individual studies courses (x193) can be applied toward graduation; some majors may have a lower maximum.
- Students are encouraged to participate in education abroad opportunities. Consult with your advisor for how education abroad credit applies to your degree or consider the CFAES Global Option.
- Students must complete a minimum of 40 hours in major/major supporting coursework with at least 12 hours taken from the academic unit(s) offering the major at OSU in the baccalaureate program.
- Courses required in the major (including major supporting courses and major electives) may not be taken pass/non-pass.
- Coursework taken as open electives may include a maximum of 4 credit hours of physical activity courses (all 1139-1197 courses), and a maximum of 4 credit hours of campus music organizations.
- A college maximum of six hours of individual studies courses (x193) can be applied toward graduation; some majors may have a lower maximum.
- A maximum of three credits of 3488 can be applied toward graduation although some majors may have a lower maximum. A cumulative point-hour ratio of 2.0 is required to register for 3488 credit.
- Credit hours for 4999 ("with Research Distinction") and 4999H ("with Honors Research Distinction") are repeatable to maximum of six hours.
- An application for degree must be submitted online at least two semesters prior to the intended graduation term. Application found at: https://students.cfaes.ohio-state.edu/academics/undergraduate/graduation requirements/
Policies and General Requirements for Minors/Minor Equivalent
- The minor/minor equivalent must contain a minimum of 12 credit hours distinct from the major and/or additional minors (i.e., if a minor requires more than 12 credit hours, a student is permitted to overlap those hours beyond 12 with the major or with another minor).
- A 2.00 cumulative point-hour ratio is required in the minor/minor equivalent with a minimum C grade for any course to be listed in the minor or minor equivalent (includes transfer credit).
- For programs requiring a minor: minors should be declared by the time students complete 60 hours.
- A student is permitted to count up to 6 credit-hours of transfer and/or EM credit in the minor or minor equivalent.
- Coursework graded Pass/Non-Pass cannot count in the minor. No more than 3 credit-hours of course work graded S/U may count toward the minor. Maximum of 3 credit-hours of xx93 are allowed to count in the minor.
### 4-Year Course Plan

**B.S. in Agriculture**  
**Major:** Sustainable Plant Systems  
**Specialization:** Agroecology

This model plan of study is presented as a suggested path to graduate in four years. It is intended to be a useful guide; however, each student is unique and should review the Degree Requirements for their catalog year and work with their advisor to develop an individualized course plan that best fits their personal academic background and goals.

**NOTE:** This sheet should not be used in isolation. To graduate in a timely manner, students must consult their academic advisor on a regular basis.

#### Degree Requirements and course offerings are subject to change. This page was last updated on: 5/19/22

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Autumn Semester</th>
<th>Spring Semester</th>
</tr>
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<tbody>
<tr>
<td><strong>Benchmarks</strong></td>
<td><strong>Course/Requirement</strong></td>
<td><strong>Course Name</strong></td>
</tr>
<tr>
<td>-Complete Math requirement&lt;br&gt;-Complete at least one science&lt;br&gt;-Complete English 1110.01</td>
<td>FAES 1100</td>
<td>College Survey</td>
</tr>
<tr>
<td></td>
<td>HCS 1100</td>
<td>Dept Survey</td>
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<tr>
<td></td>
<td>GE Math</td>
<td>See options</td>
</tr>
<tr>
<td></td>
<td>HCS 2204 $^a$ &amp; 2205 (or HCS 2201)</td>
<td>Ecology of Managed Plant Systems $^a$ &amp; Lab</td>
</tr>
<tr>
<td></td>
<td>GE Lit. Vis. &amp; Perf. Arts</td>
<td>Minor Equiv. Course</td>
</tr>
<tr>
<td>Hours: 31</td>
<td>Total: 15</td>
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</table>

### Sophomore Year

<table>
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<tr>
<th>Autumn Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Benchmarks</strong></td>
<td><strong>Course/Requirement</strong></td>
</tr>
<tr>
<td>-Declare minor&lt;br&gt;-Begin to consider an internship location</td>
<td>HCS 3100 or 3200</td>
</tr>
<tr>
<td></td>
<td>GE Nat Sci: BIOLOGY 1113</td>
</tr>
<tr>
<td></td>
<td>EEOB 3310.01 $^a$</td>
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<tr>
<td>Hours: 62</td>
<td>Total: 16</td>
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### Junior Year

<table>
<thead>
<tr>
<th>Autumn Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Benchmarks</strong></td>
<td><strong>Course/Requirement</strong></td>
</tr>
<tr>
<td>-Apply to graduate&lt;br&gt;-Complete internship by end of the summer&lt;br&gt;-Half of major hours to be completed by the end of the year</td>
<td>GE Theme Choice #1 $^b$</td>
</tr>
<tr>
<td></td>
<td>Major Elective</td>
</tr>
<tr>
<td></td>
<td>GE Citizenship #1 $^b$</td>
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</table>
| | ENR 3000 & 3001 | GE Citizenship #2 $^b$
(or Open Elective) | 3 |
| | BIOLOGY 1114 | Open Elective | |
| Hours: 92 | Total: 16 | | Total: 14 |

### Summer

| **Benchmarks** | **Course/Requirement** | **Course Name** | **Hours** |
|---------------|------------------------|-----------------|
| Meet graduation requirements<br>-Meet with a Career Services Advisor | HCS 4191 | Internship | 2-3 |
| | HCS Production Course | See options | 3 |
| | HCS 5422 | Biology & Mgmt of Weeds | 3 |
| | Major Elective | Minor Equiv. Course | 3 |
| | Minor Equiv. Course/Open Elective | GE Theme Choice #2 $^b$
(or Open Elective) | 3 |
| | GENED 4001 | GE Reflection | 1 |
| Total: 15 | Total: 15 |

**Total credit hours for Bachelor of Science Degree:** 121

$^a$ One possible course from approved GE list or major requirement that has multiple options, as outlined in corresponding Degree Requirements document.

$^b$ Students complete either a 4-credit course or two 3-credit courses in each of two General Education Theme areas: Citizenship for a Diverse & Just World (required), and the student’s choice of available GE Themes. If any major-required courses are identified as a GE Theme course, one course in each GE Theme area may double count in the GE and major hours. Theme courses are identified with a $^a$ symbol.
# 4-Year Completion Checklist

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Autumn Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Benchmarks</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete Math requirement</td>
<td>FAES 1100</td>
<td>Course/Requirement</td>
</tr>
<tr>
<td>Complete at least one science</td>
<td>HCS 1100</td>
<td></td>
</tr>
<tr>
<td>Complete English 1110.01</td>
<td>Course/Requirement</td>
<td></td>
</tr>
</tbody>
</table>

Hours: _____

Notes:

<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>Autumn Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Benchmarks</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete three science courses by the end of this year</td>
<td>Course/Requirement</td>
<td></td>
</tr>
<tr>
<td>Begin to consider an internship location</td>
<td>Notes:</td>
<td></td>
</tr>
</tbody>
</table>

Hours: _____

Notes:

<table>
<thead>
<tr>
<th>Junior Year</th>
<th>Autumn Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Benchmarks</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Apply to graduate</td>
<td>Course/Requirement</td>
<td></td>
</tr>
<tr>
<td>Complete internship by end of the summer</td>
<td>Notes:</td>
<td></td>
</tr>
<tr>
<td>Half of major hours to be completed by the end of the year</td>
<td>Notes:</td>
<td></td>
</tr>
</tbody>
</table>

Hours: _____

Notes:

<table>
<thead>
<tr>
<th>Senior Year</th>
<th>Autumn Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Benchmarks</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Meet graduation requirements</td>
<td>Course/Requirement</td>
<td></td>
</tr>
<tr>
<td>Meet with a Career Services Advisor</td>
<td>Notes:</td>
<td></td>
</tr>
</tbody>
</table>

Hours: _____

Notes:

Total credit hours for Bachelor of Science Degree: 121