### MATH & NATURAL SCIENCE (18 CREDITS)
- **BIOL 1105** (3) Principles of Biology  
- **HORT/BIOL 2304** (3) Plant Biology*  
- **CHEM 1035, 1036** (3,3) General Chemistry  
- **MATH 1014 or 1525** (3) Precalc w Trans Functions  
- **MATH 1025 or 1526** (3) Elem Calc w Matrices

### HUMANITIES & SOCIAL SCIENCES (25 CREDITS)
- **AAEC 1005** (3) Econ of the Food & Fiber Sys  
- **or ECON 2005** (3) Principles of Economics  
- **ENGL 1105, 1106** (3,3) First Year Writing  
- **COMM 2004** (3) Public Speaking  
- **or ALCE 3634** (3) Comm Ag & Life Sci in Speaking  

Area 2 (Ideas, Cult. Trad.) - selected from approved list

Area 3 (Soc & Human Behavior) - selected from approved list

Area 6 (Creativity/Aesthetic Exp.) - selected from approved list

Area 7 (Global Context) - selected from approved list

(Area 7 course may also apply toward another Area)

### BUSINESS REQUIREMENT (MINIMUM 11 CREDITS)
- **AAEC 2434** (3) Foundations of Agribusiness*  
- **AAEC/MGT 3454** (3) Small Bus Mgt & Entrepreneur*  
- **HORT 4504** (2) Landscape Contracting*  

Plus minimum 3 credits from HORT 4614 or AAEC/MKTG 2xxx/ higher

### HORTICULTURE AND AGRICULTURE 1 (36 CREDITS)
#### REQUIRED Departmental Courses (15 credits)
- **HORT 2154** (3) Spanish for the Green Industry  
- **HORT 2224** (2) Horticulture Science & Industry  
- **HORT 2234** (3) Environmental Factors in Hort  
- **HORT 2244** (3) Plant Propagation  
- **HORT 3644** (3) Landscape Estab. & Management  
- **HORT 4004** (1) Horticulture Seminar

#### PLUS
- **Plant Materials (select a minimum of 8 credits)**
  - **HORT 3325, 3326** (3,3) Woody Landscape Plants*  
  - **HORT 3425, 3426** (2,2) Herbaceous Landscape Plants  

- **Related Ag Sciences (select a minimum of 13 credits)**
  - **CSES 2564** (3) Turfgrass Mgt (Co-req BIOL 1105)  
  - **CSES 3114, 3124** (3,1) Soils & Lab*  
  - **or 3134** (3) Soils in the Landscape  
  - **ENT 4254** (3) Insect-Pest Management  
  - **PPWS 4104** (4) Plant Pathology*

1 All courses in Hort and Agric section, plus all other elected Hort courses, are included in calculating the in-major GPA. Any credit overage applies as restricted elective.

### RESTRICTED ELECTIVES (MINIMUM 15 CREDITS)
From approved courses listed on reverse or any other Hort 2XXX or higher

### FREE ELECTIVES (MINIMUM 15 CREDITS)

### TOTAL CREDITS REQUIRED FOR GRADUATION = 120
with required minimum 2.0 GPA overall and in-major
# RESTRICTED ELECTIVES LISTING FOR LANDSCAPE HORTICULTURE AND DESIGN MAJOR

For students graduating calendar year 2019

Courses may be selected from any of the concentration areas below.

Any course applied as Area 2 or 7, or Agribusiness elective may not also count as a Restricted Elective.

## DESIGN/BUILD CONCENTRATION

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>LAR 4034</td>
<td>Evolution American Landscape</td>
<td>BSE 2484</td>
<td>Engines Power Train</td>
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<tr>
<td>HORT 2164</td>
<td>Floral Design</td>
<td>CSES 4214</td>
<td>Soil Fertility &amp; Management</td>
</tr>
<tr>
<td>HORT 3664</td>
<td>Hardscape Materials and Installation</td>
<td>ENT 4264</td>
<td>Pesticide Usage</td>
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<tr>
<td>HORT 3584</td>
<td>Landscape Contracting Practicum</td>
<td>PPWS 4754</td>
<td>Weed Science: Principles and Practices</td>
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<tr>
<td>HORT 4545, 4546(4,4)</td>
<td>Sm. Scale/Resid. Landscape Design</td>
<td>FREC 4454</td>
<td>Urban Forest Mgt. &amp; Policy</td>
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<tr>
<td>HORT 2134</td>
<td>Plants &amp; Grsp in Urb Communit</td>
<td>HORT 2144</td>
<td>Indoor Plants</td>
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<tr>
<td>HORT 3544</td>
<td>Landscape Construction</td>
<td>HORT 4214</td>
<td>Plants Places Culture Globally</td>
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<tr>
<td>HORT 4324</td>
<td>Greenhouse Mgt (on-line only)</td>
<td>HORT 4354</td>
<td>Urban Forestry &amp; Arboriculture</td>
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<tr>
<td>HORT 4614</td>
<td>Ornamental Plant Production &amp; Mktg</td>
<td>HORT 4205, 4206(1,1)</td>
<td>Public Garden Maintenance &amp; Mgt</td>
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## ESTABLISHMENT/MAINTENANCE CONCENTRATION

## OTHER CROSS-CONCENTRATION APPROVED COURSES

<table>
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<tr>
<td>ALS 2204</td>
<td>Intro to Civic Ag</td>
<td>CSES 2444</td>
<td>Agronomic Crops</td>
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<tr>
<td>AAEC 2104</td>
<td>Personal Financial Planning</td>
<td>CSES 3444</td>
<td>World Crops &amp; Cropping Systems</td>
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<tr>
<td>AAEC 3104</td>
<td>Fin Planning for Professionals</td>
<td>CSES 4214</td>
<td>Soil Fertility and Management</td>
</tr>
<tr>
<td>AAEC 3314</td>
<td>Environmental Law</td>
<td>ENT 2254, 2264(2,1)</td>
<td>Bees &amp; Beekeeping/Lab</td>
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<tr>
<td>AAEC 4204</td>
<td>Food &amp; Agricultural Policy</td>
<td>FST 2014</td>
<td>Intro. to Food Science</td>
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<tr>
<td>AAEC 4404</td>
<td>Agric. Mgt. and Problem-Solving</td>
<td>MGT 3304</td>
<td>Mgt Th &amp; Lead Pract</td>
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<tr>
<td>BIOL 2204</td>
<td>Plants and Civilization</td>
<td>MKTG 3104</td>
<td>Marketing Management</td>
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<td>BIOL 1106</td>
<td>Principles of Biology</td>
<td>MKTG 3504</td>
<td>Advertising</td>
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<td>BIOL 1115, 1116(1,1)</td>
<td>Principles of Biol Lab</td>
<td>SPAN 1105, 1106(3,3)</td>
<td>Elementary Spanish</td>
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<tr>
<td>CHEM 1045, 1046(1,1)</td>
<td>General Chem Lab</td>
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## ELIGIBILITY FOR CONTINUED ENROLLMENT

By the end of the academic year in which the student has attempted 72 hours (including transfer, advanced placement, advanced standing, and credit by examination), "satisfactory progress" toward a B.S. degree in Landscape Contracting will include the following minimum criteria:

- Having a quality credit average of at least 2.0, overall and in-major.
- Passing at least 24 semester credits that apply to the University Curriculum on Liberal Education.

Passing the following:

- Math 1014 and 1025
- Chem 1035 and 1036
- Hort 2224 or 2234 or 2244
- 6 credits additional Hort (including those not applied above)
- 6 credits from CSES 3114 or 3134, ENT 4254, PPWS 4104

Note: A sequence of two foreign language courses is required unless two years of the same high school foreign language or 6 transfer credits of the same foreign language are completed. These credits do not count toward graduation requirements.

Note: Some courses on this checklist may have prerequisites. Please check the catalog.

*Prerequisites: Some courses in the major requirements listed above may have prerequisites. Be sure to consult the University Course Catalog or check with your advisor.*