### General Course Requirements (52 hours)

<table>
<thead>
<tr>
<th>Subject</th>
<th>Courses</th>
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<tbody>
<tr>
<td>BIOL</td>
<td>1401-Biology of Plants</td>
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</tbody>
</table>
| CHEM    | 1307-Chemistry I & 1107-Chemistry I Lab  
          | 1308-Chemistry II & 1108-Chemistry II Lab |
| ENGL    | 1301-Essentials of College Rhetoric  
          | 1302-Advanced College Rhetoric  
          | 2311-Intro. to Technical Writing or 3365-Professional Report Writing or ACOM 2302-Scientific Communications in Agriculture & Natural Resources |
| HIST    | 2300-History of U.S. to 1877  
          | 2301-History of U.S. since 1877 |
| POLS    | 1301-American Government  
          | 2306-Texas Politics and Topics |
| COMS    | 2300-Public Speaking or 2358-Business & Professional Communication |
| MATH    | 1320-College Algebra, or 1321-Trigonometry, or 1330-Introduction to Mathematical Analysis I  
          | AAEC 2401 -Agricultural Statistics (or MATH 2300) |
|         | Language, Philosophy & Culture (3 hrs)  
          | Multicultural Requirement (3 hrs)  
          | Creative Arts (3 hrs)  
          | Foreign Language (1 year) or 2 years High School Credit |

### Plant and Soil Science Core Requirements (68 hours)

<table>
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<tr>
<th>PSS Core (29 Hours)</th>
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</table>
| 1100-Freshman & Transfer Student Seminar*  
          | 1411-Principles of Horticulture  
          | 2401-Introductory Entomology  
          | 2432-Principles & Practices in Soils  
          | 3323-Crop Physiology*  
          | 3421-Fundamental Principles of Genetics  
          | 4100-Seminar*  
          | 4421-Principles of Weed Science*  
          | 4425-Introductory Plant Pathology |

Classes designated with (*) are part of the Department’s Communication Literacy Plan and cannot be substituted.

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<tr>
<th>Required Concentration Hours (25 hours):</th>
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</table>
| PSS 2312-Propagation Methods  
          | 2313-Herbaceous Plant Materials  
          | 3309-Introduction to Turfgrass Science  
          | 3318-Woody Plants  
          | 4000-Internship (3 hours)  
          | 4313-Arboriculture  
          | 4316-Landscape Water Conservation & Ecology  
          | 4411-Controlled Environment Crop Production |

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<tr>
<th>Additional Concentration Hours (14 hours):</th>
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</table>
| PSS 2310-Floral Design  
          | 2114-Wine Production Introduction Lab  
          | 2314-Wine Production Introduction  
          | 2316-Introduction to Sustainable Agriculture  
          | 3311-Sustainable Vegetable Crop Production  
          | 3312-Sustainable Fruit & Nut Crop Production  
          | 3414-Permaculture  
          | 4001-Problems  
          | 4301-Agricultural Compounds  
          | 4305-Integrated Pest Management  
          | 4314-Management of Horticulture Enterprises  
          | 4318-Landscape Pest Management  
          | 4321-Fundamental Principles of Plant Breeding  
          | 4323-Organic Crop Production Systems  
          | 4325-Crop Water Management  
          | 4331-Soil Microbial Ecology  
          | 4335-Soil Fertility & Nutrient Management  
          | 4336-Soil Physical Properties  
          | 4337-Environmental Soil Science  
          | 4415-Plant Genomics & Biotechnology |

- Students must earn a “C” or better in all PSS courses.
- In order to graduate, all PSS students must pass a minimum of 40 credit hours of 3000 or 4000 level courses.
- Total hours required for degree: 120

Other hours earned: __________________________  __________________________  __________________________  __________________________  __________________________