**Major:** Plant and Soil Science  
**Concentration:** Horticulture at a Distance  
**Catalog year:** 2018 - 2019

Name: ___________________________________ R# _______________________________________

<table>
<thead>
<tr>
<th>General Course Requirements (52 hours)</th>
<th>Plant and Soil Science Core Requirements (68 hours)</th>
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</table>
| BIOL *  
- 1401-Biology of Plants  
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  
HIST  
- 2300-History of U.S. to 1877  
- 2301-History of U.S. since 1877  
POLS  
- 1301-American Government  
- 2306-Texas Politics and Topics  
- AAEC 2305-Fundamentals of Agricultural and Applied Economics or ECO 2301-Principles of Economics I  
COMS  
- 2300-Public Speaking or 2358-Business & Professional Communication  
MATH  
- 1320-College Algebra, or 1321-Trigonometry, or 1330-Introduction to Mathematical Analysis I and  
- 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  
| PSS Core (28 Hours) |
|- 1100-Freshman & Transfer Student Seminar  
- 1411-Principles of Horticulture  
- 2330-Urban Soils  
- 2401-Introductory Entomology  
- 3323-Crop Physiology  
- 3421-Fundamental Principles of Genetics  
- 4100-Seminar  
- 4411-Controlled Environment Crop Production  
- 4421-Principles of Weed Science  |
| Required Concentration Hours (25 hours): |
|- PSS 2312-Propagation Methods  
- 3414-Permaculture  
- 4314-Management of Horticulture Enterprises  
- 4316-Landscape Water Conservation & Ecology  
Select 12 hours from the following:  
- 2313-Herbaceous Plant Materials  
- 3309-Introduction to Turfgrass Science  
- 3310-Viticulture I: Principles of Viticulture  
- 3311-Sustainable Vegetable Crop Production  
- 3312-Sustainable Fruit & Nut Crop Production  
- 3318-Woody Plants  |
| Additional Concentration Hours (15 hours): |
|- PSS 1311-The Science of Wine  
- 2114-Wine Production Introduction Lab  
- 2314-Wine Production Introduction  
- 2316-Introduction to Sustainable Agriculture  
- 3310-Viticulture I: Principles of Viticulture  
- 3311-Sustainable Vegetable Crop Production  
- 3312-Sustainable Fruit & Nut Crop Production  
- 4000-Internship  
- 4001-Problems  
- 4310-Viticulture II: Grape Production  
- 4313- Arboriculture  
- 4323-Organic Crop Production Systems  
- 4335-Soil Fertility & Nutrient Management  
- 4336-Soil Physical Properties  
- 4337-Environmental Soil Science  |

- 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: ____________________ ____________________ ____________________ ____________________