



TEXAS TECH UNIVERSITY

College of Agricultural Sciences & Natural Resources

Major: Plant and Soil Science
Concentration: Horticulture @ a Distance
Catalog year: 2020 - 2021

Name: _____ R# _____

General Course Requirements (52 hours)

Plant and Soil Science Core Requirements (68 hours)

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
SOCIAL & BEHAVIORAL SCIENCE
AAEC 2305-Fundamentals of Agricultural and Applied Economics or AAEC 1301-Economics, Ecology, and Ethics 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-First-year & 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
Classes designated with (*) are part of the Department's Communication Literacy Plan and cannot be substituted.
Required Concentration Hours (24 hours):
PSS 2312-Propagation Methods
4312-Environmental Ethics, Biodiversity, and 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 (16 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-Arborealiculture
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: _____