



TEXAS TECH UNIVERSITY

College of Agricultural Sciences & Natural Resources

Major: Plant and Soil Science
Concentration: Crop Science
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 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

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

* It's important to note that AAEC 1301 does not substitute for AAEC 2305 as a prerequisite for upper level coursework (Agribusiness Minor).

PSS Core (28 - 29 Hours)

[] 1100-First-year & Transfer Student Seminar*
[] 1411-Principles of Horticulture or 1321-Agronomic Plant Science
[] 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.

Required Concentration Hours (25 hours):

[] PSS 3321-Forage & Pasture Crops
[] 3322-Grain, Fiber, & Oilseed Crops
[] 3324-Seed Science & Technology
[] 4321-Fundamental Principles of Plant Breeding
[] 4325-Crop Water Management
[] 4331-Soil Microbial Ecology or 4337-Environmental Soil Science
[] 4335-Soil Fertility & Nutrient Management
[] CHEM 2303 & 2103 or 3305 & 3105

Additional Concentration Hours (14-15 hours):

[] PSS 2316-Introduction to Sustainable Agriculture
[] 3309-Introduction to Turfgrass Science
[] 4000-Internship
[] 4001-Problems
[] 4301-Agricultural Compounds
[] 4305-Integrated Pest Management
[] 4316-Landscape Water Conservation & Ecology
[] 4330-Environmental Soil Chemistry
[] 4331-Soil Microbial Ecology
[] 4332-Soil Classification
[] 4336-Soil Physical Properties
[] 4337-Environmental Soil Science
[] 4340-Irrigation Management Seminar
[] 4411-Controlled Environment Crop Production
[] 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: _____