



TEXAS TECH UNIVERSITY

College of Agricultural Sciences & Natural Resources

Major: Plant and Soil Science

Concentration: Local Food & Wine Production

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 (26 – 27 Hours)

1100-First-year & Transfer Student Seminar\*

1411-Principles of Horticulture

2312-Propagation Methods

2316-Introduction to Sustainable Agriculture

2330-Urban Soils **or** 2432-Principles & Practices in Soils (All LBK campus students must take PSS 2432)

2401-Introductory Entomology

3323-Crop Physiology\*

4100-Seminar\*

4421-Principles of Weed Science\*

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

Required Concentration Hours (29 hours):

PSS 1311-The Science of Wine

3310-Viticulture I: Principles of Viticulture

3311-Sustainable Vegetable Crop Production

3312-Sustainable Fruit & Nut Crop Production

4000-Internship (3 hours)

4312-Environmental Ethics, Biodiversity, and Permaculture

4323-Organic Crop Production Systems

4325-Crop Water Management

4335-Soil Fertility & Nutrient Management

RHIM 2210-Hospitality Industry Survey

Additional Concentration Hours (12-13 hours):

PSS 2310-Floral Design

2114-Wine Production Introduction Lab

2314-Wine Production Introduction

3321-Forage & Pasture Crops

4001-Problems

4301-Agricultural Compounds

4305-Integrated Pest Management

4310-Viticulture II: Grape Production

4311-Wines of the World

4314-Management of Horticulture Enterprises

4411-Controlled Environment Crop Production

4425-Introductory Plant Pathology

RHIM 4340-Wine Marketing

RHIM 4350-Wine Tourism

✓ **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: \_\_\_\_\_