Department of Plant and Soil Science
Undergraduate Minor Requirements

Required Courses: 7 hours

PSS 1321 (Agronomic Plant Science), or PSS 1411 ( Principles of Horticulture)
PSS 2432 (Principles and Practices in Soils, Prerequisite CHEM 1307, 1107), or
PSS 2312 (Propagation Methods, Prerequisite PSS 1411)

Directed Electives: 11 hours from the following

PSS 1311 – The Science of Wine
PSS 2114 – Wine Production Lab
PSS 2310 – Floral Design
PSS 2313 – Herbaceous Plant Materials
PSS 2314 – Wine Production
PSS 3309 – Introduction to Turfgrass Science
PSS 3310 – Viticulture I
PSS 3311 – Sustainable Vegetable Crop Production
PSS 3318 – Woody Plants
PSS 3321 – Forage and Pasture Crops
PSS 3322 – Grain, Fiber, and Oilseed Crops
PSS 3323 – Crop Physiology
PSS 3324 – Seed Science
PSS 3421 – Fundamental Principles of Genetics
PSS 4310 – Viticulture II

PSS 4313 – Arboriculture
PSS 4314 – Garden Center and Nursery
PSS 4316 – Turfgrass Ecology and Physiology
PSS 4318 – Turf Pest Management
PSS 4321 – Fundamental Principles of Plant Breeding
PSS 4325 – Crop Water Management
PSS 4332 – Soil Classification
PSS 4335 – Soil and Plant Nutrient Management
PSS 4336 – Soil Physical Properties
PSS 4337 – Environmental Soil Science
PSS 4411 – Greenhouse Crop Production
PSS 4415 – Plant Biotechnology
PSS 4416 – Winemaking Quality Control and Analysis

Requirements for Minor

- All prerequisites must be met prior to taking each course.
- Minors will consist of a minimum of 18 hours.
- Students must pass each course in their minor degree plan with a minimum grade of ‘C’.
- A student may not minor within their department.
- At least 9 hours in a minor must consist of upper division courses (3000 level or greater).