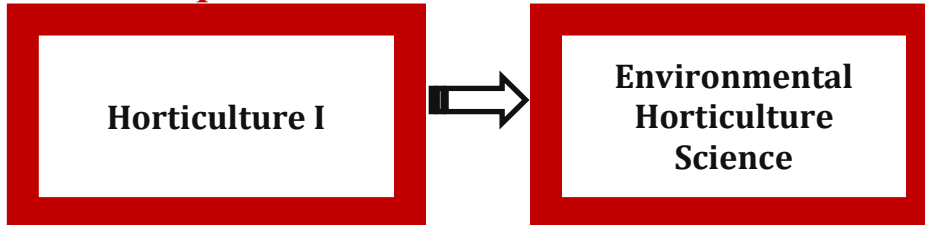


Agriculture and Natural Resources: Ornamental Horticulture



CHICO HIGH SCHOOL

Course Sequence



Course Descriptions

Horticulture I (Concentrator)

*A-G "G" Integrated Science

This year-long course covers the basic principles of **plant science** in **agriculture** as viewed by both the **farmer** and the **consumer**. **Hands-on** learning includes **plant organs** and their **functions**, introduction to reproduction and genetics, weeds, insects and other pests, soils and fertilizers, chemical application and safety. All students will be able to work in the school **greenhouses** to gain **practical experience growing plants** for themselves. Throughout the course, students will participate in **FFA** activities and will develop and maintain an ongoing **Supervised Agricultural Experience**. This course meets the district Life Science/Physical requirement.

Environmental Horticulture (Capstone) *A-G "G" Integrated Science

Prerequisite: Horticulture I

This year-long course is open to students who have successfully completed Plant and Soil Science. Students learn about **greenhouse crop production and management** through **hands-on work** and **projects** in the school greenhouse. Each student will learn to grow and **raise horticulture crops** with **daily lab work** and **practical applications** to life science. Greenhouse management including but not limited to **crop planning, propagation, and nutrition** will be covered. Students will learn about nursery laws and regulations, **hydroponics, irrigation**, and participate in **plant sales** to the public. Throughout the course, students will participate in **FFA** activities and will develop and maintain an ongoing **Supervised Agricultural Experience**. This course meets the district Life Science/Physical requirement.

LOCAL POST-SECONDARY OPTIONS:

Butte College

- AS in Environmental Horticulture
- AS (Transfer) in Plant Science
- AS in Agriculture Science
- Certificate: Environmental Horticulture
- Certificate: Plant Protection

CSU, Chico

- BS in Agriculture
 - Option in Crops, Horticulture, & Land Resource Management
 - Option in Ag Science & Education

HIGHLIGHTED CAREERS:

- * Soil/Plant Scientist
- * Greenhouse Manager
- * Landscape Designer
- * Arborist
- * Hydrologist
- * Agronomist
- * Horticulturist
- * Athletic Turf Manager
- * Pest Control Advisor
- * Entomologist



Career Technical Student Organization: FFA

Students in all Agriculture Pathways are part of FFA: a student Leadership organization, which provides various opportunities to students both in and outside of school.

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