HORTICULTURE & AGRONOMY (GRADUATE GROUP)

College of Agricultural & Environmental Sciences

Astrid Volder, Ph.D., Chairperson of the Group

Group Office
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Horticulture & Agronomy Graduate Group (http://ggha.ucdavis.edu);
Faculty (https://ggha.ucdavis.edu/faculty/)


Horticulture (HRT)

HRT 200A — Horticulture & Agronomy: Principles (4 units)
Course Description: Core course to introduce students to the principles that are of general importance in horticultural and agronomic research, including agroecology, plant developmental physiology, crop improvement, and biotechnology. Generally taken in the first year of the graduate program.
Prerequisite(s): Graduate standing.
Learning Activities: Lecture/Discussion 4 hour(s).
Grade Mode: Letter.

HRT 200B — Horticulture & Agronomy: Practices (4 units)
Course Description: Introduction to horticultural and agronomic cropping systems. Covers current applied research within agroecology, crop improvement, crop production, postharvest biology.
Prerequisite(s): HRT 200A recommended; graduate standing.
Learning Activities: Lecture/Discussion 2 hour(s), Fieldwork 3 hour(s), Seminar 3 hour(s).
Grade Mode: Letter.

HRT 203 — Research Perspectives in Horticulture (3 units)
Course Description: Following lectures/discussions of scientific methodology, students develop research proposals aided by classroom discussions and individual interactions with instructors. Lectures and critiques of classical papers provide a sense of the evolution of the current concepts in perennial plant biology.
Prerequisite(s): Graduate standing.
Learning Activities: Lecture 1 hour(s), Lecture/Discussion 2 hour(s).
Grade Mode: Letter.