

Horticulture Classes by Term Offered 2024-2025

*Class has Ecampus alternative		
Classes in bold are offered every term		
Classes in <i>italicized text</i> offered in alternative even or odd years		
Corvallis Campus Classes		
Fall Term 2024	Winter Term 2025	Spring Term 2025
<p>ENT/CROP/SOIL 101 – Intro to Crop, Soil, & Insect Science</p> <p>HORT 112 – Intro to Horticultural Systems, Practices, & Careers*</p> <p>HORT 226 – Landscape Plant Materials I: Deciduous Hardwoods & Conifers*</p> <p><i>HORT 251 – Temperate Tree Fruit, Berries, Grapes, & Nuts (alt. yr. even; 2024)</i></p> <p>HORT 285 – Permaculture Design & Theory: Certificate Course*</p> <p>HORT/CROP 300 – Crop Production in Pacific NW Agroecosystems*</p> <p>HORT 301 – Growth & Development of Horticultural Crops*</p> <p>HORT 314 – Principles of Turfgrass Maintenance*</p> <p>HORT 380 – Sustainable Landscape Design</p> <p>HORT 402 – Independent Study: Design Lab</p> <p>HORT/CROP/SOIL 407 - Seminar</p> <p>HORT 433/533 – Systematics & Adaptation of Vegetable Crops</p> <p>HORT/CROP 463/563 – Seed Biology (alt. yr. even; 2026)</p> <p>HORT 507/607 – Seminar</p> <p>HORT 511 – Research & Educational Perspectives in Horticulture</p> <p>HORT 520 – Current Topics in Hort Research</p> <p><i>PBG 620 – Introduction to Molecular Markers (alt. yr. even; 2024)</i></p> <p><i>PBG 621 – Genetic Mapping & Association (alt. yr. even; 2024)</i></p> <p>PBG 650 – Adv. Plant Breeding & Quantitative Genetics (on request)</p>	<p>HORT 310 – Plant Propagation</p> <p>HORT 312 – Plant Propagation Laboratory</p> <p>HORT 315 – Sustainable Landscapes: Maintenance, Conservation, Restore*</p> <p>HORT 316 – Plant Nutrition*</p> <p>HORT 318 – Applied Ecology of Managed Ecosystems*</p> <p>HORT 406/BRR 406 – Projects: Data Presentations</p> <p>HORT 411 – Horticulture Book Club</p> <p>HORT 412 – Career Exploration: Internship/Research*</p> <p>PBG 430/530 – Plant Genetics</p> <p>PBG 431 – Plant Genetics Recitation</p> <p>AGRI 438 – Exploring World Agriculture</p> <p>PBG 440/540 – Plant Tissue Culture</p> <p>PBG 442/542 – Plant Tissue Culture Laboratory</p> <p>HORT 453 – Grapevine Growth & Physiology</p> <p>HORT 507/607 – Seminar</p> <p>PBG 507/607 – Seminar</p> <p><i>PBG 513 – Plant Genetic Engineering (alt. yr. odd 2025)</i></p> <p><i>PBG 551 – Breeding Clonal Crops (alt. yr. odd 2025)</i></p>	<p>HORT 228 – Landscape Plant Materials II: Spring Flowering Trees & Shrubs*</p> <p>HORT 260 – Organic Farming & Gardening*</p> <p>ENT 311 – Intro to Insect Pest Management*</p> <p>ENT 322 – Honey Bee Biology & Beekeeping*</p> <p>HORT 330/ENT 300 – Plagues, Pests, & Politics*</p> <p><i>HORT 351 – Floriculture & Greenhouse Systems (alt. yr. odd; 2025)</i></p> <p><i>HORT 361 – Plant Nursery Systems (alt. yr. even 2026)</i></p> <p>HORT 360 – Landscape Construction: Irrigation & Drainage</p> <p>HORT/CROP/SOIL 407 – Seminar</p> <p>HORT/CROP 414 – Precision Agriculture</p> <p>HORT 418 – Golf Course Maintenance</p> <p><i>HORT/ENT 444/544 – Insect Agroecology (alt. yr. even 2026)</i></p> <p>ENT 542 – Principles of Integrated Pest Management: Systems Design</p> <p>PBG 450/550 – Plant Breeding</p> <p>HORT 454 – Principles & Practices of Vineyard Production</p> <p>HORT/CROP 480/580 – Case Studies in Cropping Systems Management*</p> <p>HORT 499 – Building Sustainable Landscapes in 21st Century</p> <p>HORT 507/607 – Seminar</p> <p><i>HORT/ENT 518 – Current Topics in Entomology (alt. yr. odd; 2025)</i></p> <p>HORT/PBG 519 – Current Topics in Plant Breeding & Genetics</p> <p><i>PBG 556 – Crop Domestication (alt. yr. even; 2026)</i></p> <p><i>PBG 557 – Plants & Patents (alt. yr. odd; 2025)</i></p> <p>HORT 599 – Research Ethics</p>
ECampus Classes		
Fall Term 2024	Winter Term 2025	Spring Term 2025
<p>ENT/CROP/SOIL 101 – Intro to Crop, Soil, & Insect Science</p> <p>HORT 112 – Intro to Horticultural Systems, Practices, & Careers+</p> <p>HORT 212 – Intro to Organic Agricultural Systems</p> <p>HORT 217 – Social Impacts of Science</p> <p>HORT 226 – Landscape Plant Materials I: Deciduous Hardwoods & Conifers+</p> <p>HORT 270 – Intro to Therapeutic Horticulture</p> <p>HORT 301 – Growth & Development of Horticultural Crops+</p> <p>HORT 308 – Weed Management in Organic Systems</p> <p>ENT 311 – Intro to Insect Pest Management+</p> <p>HORT 314 – Principles of Turfgrass Maintenance+</p> <p>HORT 316 – Plant Nutrition+</p> <p>HORT 318 – Applied Ecology of Managed Ecosystems+</p> <p>ENT 322 – Honey Bee Biology & Beekeeping+</p> <p>HORT 330/ENT 300 – Plagues, Pests, & Politics+</p> <p>HORT/ENT 331 – Pollinators in Peril (Syn.CGI)</p> <p>HORT/FES 350 – Urban Forestry</p> <p>CROP 355 – Organic Certification</p> <p>HORT 421/521- Herbs, Spices, & Medicinal Plants</p> <p>ENT 523 – Organic Beekeeping & Honey Production</p> <p>HORT/FES 455/555 – Urban Forest Planning, Policy, & Management</p> <p>HORT 456/556 – Physiology & Production of Berry Crop</p> <p>HORT 540 – Organic Vegetable Production Systems</p>	<p>HORT 112 – Intro to Horticultural Systems, Practices, & Careers+</p> <p>HORT 217 – Social Impacts of Science</p> <p>HORT 255 – Herbaceous Plant Materials</p> <p>HORT 260 – Organic Farming & Gardening+</p> <p>HORT 283 – Intro to Urban Agriculture</p> <p>HORT 285 – Permaculture Design & Theory+</p> <p>HORT 286 – Permaculture Water Management</p> <p>HORT 271 – Ther Hort Tech Adaptations Strategies</p> <p>HORT 272 – Therapeutic Hort Skills I</p> <p>HORT/CROP 300 – Crop Production in Pacific NW Agroecosystems+</p> <p>HORT 306 – Inputs in Org Cropping Systems</p> <p>HORT 310 – Plant Propagation</p> <p>HORT 319 – Restoration Horticulture</p> <p>ENT 322 – Honey Bee Biology & Beekeeping</p> <p>HORT 330/ENT 300 – Plagues, Pests, & Politics+</p> <p>HORT/ENT 331 – Pollinators in Peril (Syn.CGI)</p> <p>HORT/FES 350 – Urban Forestry</p> <p>SOIL 360 – Soil Management for Organic Production</p> <p>AGRI 411 – Intro to Food Systems: Local to Global</p> <p>HORT 402 – Independent Study: Design Lab</p> <p>HORT 407 – Senior Seminar</p> <p>HORT 412 – Career Exploration: Internship/Research+</p> <p>HORT/CROP 414 – Precision Agriculture</p> <p>AGRI 420/520 – Intro to Organic Food Production</p> <p><i>ENT 440/540 – Issues in Insect Toxicology (alt. yr. odd)</i></p> <p>ENT 548 – IPM in Organic Systems</p> <p>PBG 430 - Plant Genetics</p> <p>PBG 450 – Plant Breeding (550 not offered online)</p>	<p>HORT 212 – Intro to Organic Agricultural Systems</p> <p>HORT 217 – Social Impacts of Science</p> <p>HORT 228 – Landscape Plant Materials II: Spring Flowering Trees & Shrubs+</p> <p>HORT 273 – Therapeutic Hort Programming</p> <p>HORT 274 – Therapeutic Hort Skills II</p> <p>HORT 301 – Growth & Development of Horticultural Crops+</p> <p>HORT 307 – Organic System Predicaments</p> <p>HORT 315 – Sustainable Landscapes: Maintenance, Conservation, Restore+</p> <p>HORT 318 – Applied Ecology of Managed Ecosystems+</p> <p>HORT 330/ENT 300 – Plagues, Pests, & Politics+</p> <p>HORT/ENT 331 – Pollinators in Peril (Syn.CGI)</p> <p>HORT 344 – Insect & Disease Management in Organic Cropping Systems</p> <p>HORT 349 – Diagnosing Plant Problems</p> <p>HORT 360 – Irrigation and Drainage</p> <p>HORT 418 – Golf Course Maintenance</p> <p>HORT 447/547 – Arboriculture</p> <p>HORT 456/556 – Physiology & Production of Berry Crops</p> <p>HORT/CROP 480/580 – Case Studies in Cropping Systems Management</p> <p>HORT 482 – Design & Management of Organic Cropping Systems</p> <p>HORT 483 – Case Studies in Urban Agriculture</p> <p>HORT 485 – Advanced Permaculture Design Tools for Climate Resilience</p> <p>ENT 548 – IPM in Organic Systems (next in 2022)</p> <p>PBG 552 - Organic Plant Breeding</p>

Horticulture Classes by Term Offered 2024-2025

Summer Term 2024

Corvallis Campus Classes

HORT/CROP 401 – Research
HORT/CROP 402 – Independent Study
PBG 403 – Thesis
HORT 409 – Practicum
HORT/CROP 410 – Internship
HORT/CROP 503/603 – Thesis
SUS 499 – Special Topics: Sustainability Assessment
SOIL 512 – Methods of Soil Analysis
SOIL 514 – Methods of Soil Analysis – Laboratory

Summer Term 2024

Ecampus Classes

AGRI 411 – Intro to Food Systems: Local to Global
HORT 112 – Intro to Horticultural Systems, Practices, & Careers+
HORT 217 – Social Impacts of Science
HORT 255 – Herbaceous Ornamental Plant Materials
HORT 260 – Organic Farming & Gardening+
HORT 275 – Therapeutic Gardens
HORT/CROP 300 – Crop Production in Pacific NW Agroecosystems+
ENT 311 – Intro to Insect Pest Management+
HORT/ENT 331 – Pollinators in Peril (Syn.CGI)
HORT 330/ENT 300 – Plagues, Pests, & Politics+