# HORTICULTURE & URBAN AGRICULTURE

### 2023/2024 Four-Year Plan

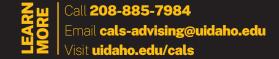
This document is for planning purposes only. For official degree information, refer to Degree Audit and speak with your advisor.

	PLSC 102 (F) The Science of Plants in Agriculture	3	ග	BIOL 115/115L Cells & Evolution of Life (CHEM 101 or 111)	4
YEAR 1 • FALL	CHEM 101/101L or 111/111L Principles of Chemistry I (Test Scores/CHEM 101/MATH 143)	4	AR 1 · SPR	ELECTIVE General Education	3
	ELECTIVE Communication	2		ENGL 102 College Writing & Rhetoric (Test Scores/ENGL 101)	3
	ENGL 101 Introduction to College Writing (Test Scores, ENGL 109)	3		ELECTIVE Varies	3
	MATH 143, 160 or 170 Math Core (Test Scores/MATH 108)	3		ELECTIVE Varies	3
	TOTAL CREDITS	15	<b>&gt;</b>	TOTAL CREDITS	16
	SOIL 205/206 The Soil Ecosystem (CHEM 111 or 101)	4	G	EPPN 154/155 Microbiology & the World Around Us	4
ALL	ELECTIVE Horticulture	3	RIN	CHEM 275/276 Carbon Compounds (CHEM 101 or 111)	4
ш	ELECTIVE Varies	3	SPF	ELECTIVE Professional Support	3
2	ELECTIVE General Education	3	•	PLSC 201 Principles of Horticulutre (PLSC 102)	3
YEAR			2		
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	TOTAL CREDITS	13	<b>&gt;</b>	TOTAL CREDITS	14
<b>=</b>	<b>ENGL 207, 313, 316 or 317 Varies</b> (ENGL 102; Sophomore or Junior)	3	5 N	AGED 406 (S) or 407 Exploring International Agriculture or Global Agricultural & Life Sciences Systems (Junior/Senior, AGED 180, ASM 112 or Soil 205)	3
FAL	ENT 322 (F) General & Applied Entomology	4	PR	ELECTIVE Varies	3
<b>e</b>	ELECTIVE Varies	3	• \$	ELECTIVE Professional Support	3
EAR	ELECTIVE Horticulture	3	AR 3	PLSC 300 (S, Even Years) Plant Propagation (PLSC 102, 201 or BIOL 115)	3
7	ELECTIVE General Education	3	Ü	PLSC 401 (S, Even Years) Plant Physiology (PLSC 205)	3
	TOTAL CREDITS	16	<b>&gt;</b>	TOTAL CREDITS	15
	PLSC 400 Seminar	1	<u>ත</u>	PLSC 438 (S) Pesticides in the Environment	3
YEAR 4 • FALL	PLSC 398, 402 or 499 Internship, Research or Directed Study (variable credits) (Permission)	3	PRIN	ELECTIVE Professional Support	3
	PLP 415 (F) Plant Pathology (EPPN 154/155, PLSC 102)	3	S	ELECTIVE Horticulture	3
<b>A</b>	ELECTIVE Horticulture	3	4	ELECTIVE Varies	3
₩ ¥	ELECTIVE Professional Support	3	AR	ELECTIVE Professional Support	3
<b>&gt;</b>	ELECTIVE General Education	3	YEA		
	TOTAL CREDITS	16		TOTAL CREDITS	15

COURSE # Course Name (Prerequisites, Co-Requisites)

F = FALL, S = SPRING







## HORTICULTURE URBAN AGRICULTURE

Study topics like plant tissue culture and grafting; plant nutrition; production of flowers, fruits, shrubs trees and vegetables; hydroponics and much more while gaining practical experiences at on-campus plant science farms and computer-controlled greenhouses as you prepare to become a horticulture professional.

### Career Options

- Nursery or Greenhouse Manager
- Landscape Manager
- Plant Scientist
- Environmental Scientist
- Habitat Restoration Planner
- Sales Manager
- Golf Course Superintendent
- Propagation Supervisor



#### **Fast Facts**

- Gain hands-on experience at campus plant science farms and greenhouses.
- Grow flowering crops and tropical plants to gain crop production and management experience.
- Visit nurseries, golf courses and top-of-the-line landscape installations.
- Complete an independent study or conduct an undergraduate research project.
- Get involved with the Plant and Soil Science Club, Hydroponics Club or Soil Stewards to network with potential employers.

