HORTICULTURE & URBAN AGRICULTURE

2021/2022 Four-Year Plan

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

YEAR 1 • FALL		
	PLSC 102 (F) The Science of Plants in Agriculture	3
	CHEM 101/101L or 111/111L Principles of Chemistry I (Test Scores/CHEM 101/MATH 143)	4
	ELECTIVE Communication	2
	ENGL 101 Introduction to College Writing (Test Scores, *ENGL 109*)	3
	MATH 143, 160 or 170 Math Core (Test Scores/MATH 108)	3
	TOTAL CREDITS	15

YEAR 1 • SPRING		
	BIOL 115/115L Cells & Evolution of Life *(CHEM 101 or 111)*	4
	ELECTIVE General Education	3
	ENGL 102 College Writing & Rhetoric (Test Scores/ENGL 101)	3
	ELECTIVE Varies	3
	ELECTIVE Varies	3
	TOTAL CREDITS	16

YEAR 2 • FALL		
	SOIL 205/206 The Soil Ecosystem (CHEM 111 or 101)	4
	ELECTIVE Horticulture	3
	ELECTIVE Varies	3
	ELECTIVE General Education	3
	TOTAL CREDITS	13

YEAR 2 • SPRING		
	EPPN 154/155 Microbiology & the World Around Us	4
	CHEM 275/276 Carbon Compounds (CHEM 101 or 111)	4
	ELECTIVE Professional Support	3
	PLSC 201 Principles of Horticulutre (PLSC 102)	3
	TOTAL CREDITS	14

YEAR 3 • FALL		
	ENGL 207, 313, 316 or 317 Varies (ENGL 102; Sophomore or Junior)	3
	ENT 322 (F) General & Applied Entomology	4
	ELECTIVE Varies	3
	ELECTIVE Horticulture	3
	ELECTIVE General Education	3
	TOTAL CREDITS	16

YEAR 3 • SPRING		
	AGED 406 (S) or 407 Exploring International Agriculture or Global Agricultural & Life Sciences Systems (Junior/Senior, AGED 180, ASM 112 or Soil 205)	3
	ELECTIVE Varies	3
	ELECTIVE Professional Support	3
	PLSC 300 (S, Even Years) Plant Propagation (PLSC 102, 201 or BIOL 115)	3
	PLSC 401 (S, Even Years) Plant Physiology (PLSC 205)	3
	TOTAL CREDITS	15

YEAR 4 • FALL		
	PLSC 400 Seminar	1
	PLSC 398, 402 or 499 Internship, Research or Directed Study (variable credits) (Permission)	3
	PLP 415 (F) Plant Pathology (EPPN 154/155, PLSC 102)	3
	ELECTIVE Horticulture	3
	ELECTIVE Professional Support	3
	ELECTIVE General Education	3
	TOTAL CREDITS	16

YEAR 4 • SPRING		
	PLSC 438 (S) Pesticides in the Environment	3
	ELECTIVE Professional Support	3
	ELECTIVE Horticulture	3
	ELECTIVE Varies	3
	ELECTIVE Professional Support	3
	TOTAL CREDITS	15

COURSE # **Course Name** (Prerequisites, Co-Requisites)

F = FALL, S = SPRING

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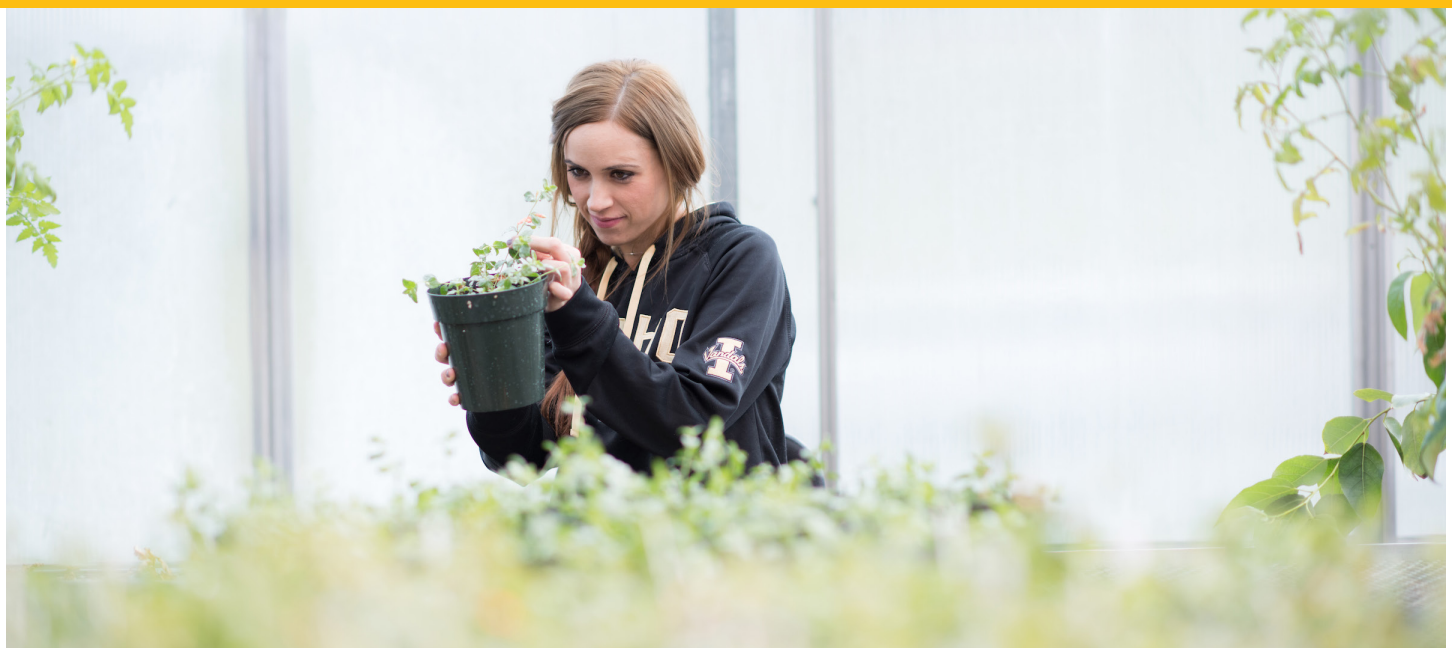
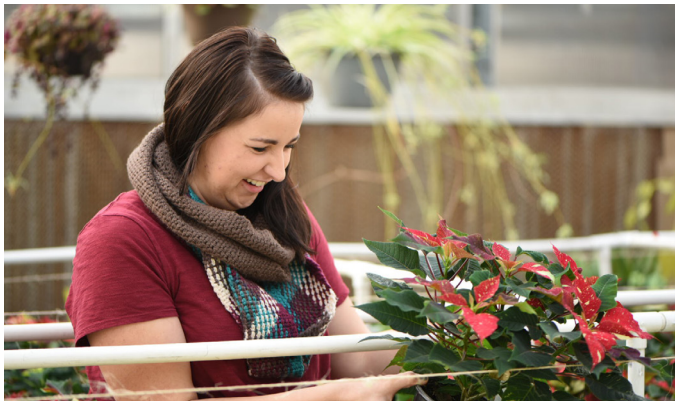


HORTICULTURE URBAN AGRICULTURE

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.

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