HORTICULTURE AND URBAN AGRICULTURE (B.S.PL.SC.)

Required course work includes the university requirements (see regulation J-3 (https://catalog.uidaho.edu/general-requirements-academic-procedures/j-general-requirements-baccalaureate-degrees/)) and:

Code	Title	Hours
AGED 406	Exploring International Agriculture	3
or AGED 407	Global Agricultural & Life Sciences Systems	
BIOL 115 & 115L	Cells and the Evolution of Life and Cells and the Evolution of Life Laboratory	4
PLSC 102	The Science of Plants in Agriculture	3
PLSC 400	Seminar	1
SOIL 205	The Soil Ecosystem	3
Select one of the following:		4-5
BIOL 250 & BIOL 255	General Microbiology and General Microbiology Lab	
EPPN 154 & EPPN 155	Microbiology and the World Around Us and Microbiology and the World Around Us: Laboratory	
Select one of the following:		4
CHEM 101 & 101L	Introduction to Chemistry and Introduction to Chemistry Laboratory	
CHEM 111 & 111L	General Chemistry I and General Chemistry I Laboratory	
Select one of the following:		3
ENGL 313	Business Writing	
ENGL 317	Technical Writing II	
Select one of the following:		3-4
MATH 143	College Algebra	
MATH 160	Survey of Calculus	
MATH 170	Calculus I	
Select one of the following:		3
PLSC 398	Internship	
PLSC 402	Undergraduate Research in Plant Science	
PLSC 499	Directed Study	
Horticulture and Urban Agriculture Courses		
CHEM 275	Carbon Compounds	3
CHEM 276	Carbon Compounds Lab	1
ENT 322	General and Applied Entomology	4
PLP 415	Plant Pathology	3
PLSC 201	Principles of Horticulture	3
PLSC 300	Plant Propagation	3
PLSC 401	Plant Physiology	3
PLSC 438	Pesticides in the Environment	3
SOIL 206	The Soil Ecosystem Lab	1
Select 12 credits of Horticulture electives from the following:		12
LARC 288	Plant Materials & Design 1	
PLSC 340	Nursery Management	
PLSC 433	Plant Tissue Culture Techniques	
PLSC 451	Vegetable Crops	
PLSC 480	Field Trip	
PLSC 490	Potato Science	
SOIL 417	Market Garden Practicum	
Select 15 credits of Professional Support electives from the following:		15
GENE 314	General Genetics	
PLP 416	Plant Pathology Lab	
PLSC 205	General Botany	
PLSC 207	Introduction to Biotechnology	
PLSC 338	Organic and Conventional Weed Management	
PLSC 407	Field Crop Production	
PLSC 410	Invasive Plant Biology	
PLSC 446	Plant Breeding	
PLSC 488	Genetic Engineering	
SOIL 446	Soil Fertility	
STAT 251	Statistical Methods	
Total Hours		**82-84**

Courses to total 120 credits for this degree

Fall Term 1		**Hours**
ENGL 101	Writing and Rhetoric I	3
PLSC 102	The Science of Plants in Agriculture	3
Oral Communication Course		3
(CHEM 101 AND CHEM 101L) OR (CHEM 111 AND CHEM 111L)		4
MATH 143 OR MATH 160 OR MATH 170		3
	Hours	**16**
Spring Term 1		
BIOL 115	Cells and the Evolution of Life	3
BIOL 115L	Cells and the Evolution of Life Laboratory	1
ENGL 102	Writing and Rhetoric II	3
PLSC 201	Principles of Horticulture	3
Humanistic and Artistic Ways of Knowing Course		3
Elective Course		2
	Hours	**15**
Fall Term 2		
SOIL 205	The Soil Ecosystem	3
SOIL 206	The Soil Ecosystem Lab	1
LARC 288 OR PLSC 340 OR PLSC 433 OR PLSC 451 OR PLSC 480 OR PLSC 490 OR SOIL 417		3
Social and Behavioral Ways of Knowing Course		3
Elective Course		3
Elective Course		2
	Hours	**15**
Spring Term 2		
CHEM 275	Carbon Compounds	3
CHEM 276	Carbon Compounds Lab	1
EPPN 154	Microbiology and the World Around Us	3
EPPN 155	Microbiology and the World Around Us: Laboratory	1
Elective Course		3
GENE 314 OR PLP 416 OR PLSC 205 OR PLSC 207 OR PLSC 338 OR PLSC 407 OR PLSC 410 OR PLSC 446 OR PLSC 488 OR SOIL 446 OR STAT 251		3
	Hours	**14**
Fall Term 3		
ENT 322	General and Applied Entomology	4
ENGL 313 OR ENGL 317		3
GENE 314 OR PLP 416 OR PLSC 205 OR PLSC 207 OR PLSC 338 OR PLSC 407 OR PLSC 410 OR PLSC 446 OR PLSC 488 OR SOIL 446 OR STAT 251		3
Social and Behavioral Ways of Knowing Course		3

Elective Course		1
	Hours	**14**
Spring Term 3		
PLSC 438	Pesticides in the Environment	3
Humanistic and Artistic Ways of Knowing Course		3
AGED 406 OR AGED 407		3
LARC 288 OR PLSC 340 OR PLSC 433 OR PLSC 451 OR PLSC 480 OR PLSC 490 OR SOIL 417		3
GENE 314 OR PLP 416 OR PLSC 205 OR PLSC 207 OR PLSC 338 OR PLSC 407 OR PLSC 410 OR PLSC 446 OR PLSC 488 OR SOIL 446 OR STAT 251		3
	Hours	**15**
Fall Term 4		
PLSC 400	Seminar	1
PLP 415	Plant Pathology	3
International Course		3
PLSC 398 OR PLSC 402 OR PLSC 499		3
GENE 314 OR PLP 416 OR PLSC 205 OR PLSC 207 OR PLSC 338 OR PLSC 407 OR PLSC 410 OR PLSC 446 OR PLSC 488 OR SOIL 446 OR STAT 251		3
LARC 288 OR PLSC 340 OR PLSC 433 OR PLSC 451 OR PLSC 480 OR PLSC 490 OR SOIL 417		3
	Hours	**16**
Spring Term 4		
PLSC 300	Plant Propagation	3
PLSC 401	Plant Physiology	3
American Diversity Course		3
LARC 288 OR PLSC 340 OR PLSC 433 OR PLSC 451 OR PLSC 480 OR PLSC 490 OR SOIL 417		3
GENE 314 OR PLP 416 OR PLSC 205 OR PLSC 207 OR PLSC 338 OR PLSC 407 OR PLSC 410 OR PLSC 446 OR PLSC 488 OR SOIL 446 OR STAT 251		3
	Hours	**15**
	Total Hours	**120**

The degree map is a guide for the timely completion of your curricular requirements. Your academic advisor or department may be contacted for assistance in interpreting this map. This map is not reflective of your academic history or transcript and it is not official notification of completion of degree or certificate requirements. Please contact the Registrar's Office regarding your official degree/certificate completion status.

1. Students will be able to recognize and apply scientific principles and concepts to production or management of horticultural crops and different horticultural systems.

2. Students will be able to present and explain important concepts for plant propagation and will be able to recognize and analyze various procedures for propagating various horticultural crops.

3. Students will gain experiential practice in applying their horticulture knowledge through internships or laboratory research experiences and participation in student clubs/organizations.

4. Students will be able to communicate effectively, verbally and in writing, problems, analyses, and solutions to horticultural problems to a variety of audiences.