

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
BIOL 1150 & 1150L or BIOL 1140	Cells and the Evolution of Life and Cells and the Evolution of Life Laboratory Organisms and Environments	4
PLSC 1020	The Science of Plants in Agriculture	3
PLSC 2050	General Botany	4
PLSC 4000	Plant Science Seminar	1
SOIL 2050	The Soil Ecosystem	3
Select one of the following:		
AGED 4060	Exploring International Agriculture	
AGED 4070	Global Agricultural & Life Sciences Systems	
SOC 3500	Food, Culture, and Society	
FN 4500	Global Nutrition	
Select one of the following:		4-5
BIOL 2500 & BIOL 2550	General Microbiology and General Microbiology Lab	
EPPN 1540 & EPPN 1550	Microbiology and the World Around Us and Microbiology and the World Around Us: Laboratory	
Select one of the following:		4
CHEM 1101 & 1101L	Introduction to Chemistry and Introduction to Chemistry Laboratory	
CHEM 1111 & 1111L	General Chemistry I and General Chemistry I Laboratory	
Select one of the following:		3
ENGL 3130	Business Writing	
ENGL 3160	Environmental Writing	
ENGL 3170	Technical Writing II	
ENGL 3180	Science Writing	
Select one of the following:		3-4
MATH 1143	Precalculus I: Algebra	
MATH 1160	Survey of Calculus	
MATH 1170	Calculus I	
Select one of the following:		3
PLSC 3980	Internship	
PLSC 4020	Undergraduate Research in Plant Science	
PLSC 4990	Directed Study	
Horticulture and Urban Agriculture Courses		
CHEM 2750	Carbon Compounds	3
ENT 3220	General and Applied Entomology	4
PLP 4150	Plant Pathology	3
PLSC 2010	Principles of Horticulture	3
PLSC 3000	Plant Propagation	3
PLSC 4010	Plant Physiology	3
PLSC 4380	Pesticides in the Environment	3

SOIL 2060	The Soil Ecosystem Lab	1
Select 12 credits of Horticulture electives from the following:		12
LARC 2880	Plant Materials & Design 1	
PLSC 3400	Nursery Management	
PLSC 4330	Plant Tissue Culture Techniques	
PLSC 4510	Vegetable Crops	
PLSC 4900	Potato Science	
SOIL 4170	Market Garden Practicum	
Select 15 credits of Professional Support electives from the following:		15
GENE 3140	General Genetics	
PLP 4160	Plant Pathology Lab	
PLSC 2050	General Botany	
PLSC 2070	Introduction to Biotechnology	
PLSC 3070	Agronomy	
PLSC 3380	Organic and Conventional Weed Management	
PLSC 4100	Invasive Plant Biology	
PLSC 4460	Plant Breeding	
PLSC 4880	Genetic Engineering	
SOIL 4460	Soil Fertility	
STAT 2510	Statistical Methods	
Total Hours		82-84

Courses to total 120 credits for this degree

Fall Term 1		Hours
ENGL 1101	Writing and Rhetoric I	3
PLSC 1020	The Science of Plants in Agriculture	3
Oral Communication Course		3
(CHEM 1101 AND CHEM 1101L) OR (CHEM 1111 AND CHEM 1111L)		4
MATH 1143 OR MATH 1160 OR MATH 1170		3
Hours		16
Spring Term 1		Hours
BIOL 1150	Cells and the Evolution of Life	3
BIOL 1150L	Cells and the Evolution of Life Laboratory	1
ENGL 1102	Writing and Rhetoric II	3
PLSC 2010	Principles of Horticulture	3
Elective Course		3
Humanistic & Artistic Ways of Knowing Course		3
Hours		16
Fall Term 2		Hours
PLSC 2050	General Botany	4
SOIL 2050	The Soil Ecosystem	3
SOIL 2060	The Soil Ecosystem Lab	1
LARC 2880 OR PLSC 3400 OR PLSC 4330 OR PLSC 4510 OR PLSC 4900 OR SOIL 4170		3
Social and Behavioral Ways of Knowing Course		3
Hours		14
Spring Term 2		Hours
CHEM 2750	Carbon Compounds	3
EPPN 1540 or BIOL 2500	Microbiology and the World Around Us or General Microbiology	3
EPPN 1550 or BIOL 2550	Microbiology and the World Around Us: Laboratory or General Microbiology Lab	1
International Course		3
Elective Course		2

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GENE 3140 OR PLP 4160 OR PLSC 2050 OR PLSC 2070 OR PLSC 3070 OR PLSC 3380 OR PLSC 4100 OR PLSC 4460 OR PLSC 4880 OR SOIL 4460 OR STAT 2510	3
Hours	15
Fall Term 3	
ENT 3220 General and Applied Entomology	4
ENGL 3130 OR ENGL 3160 OR ENGL 3170 OR ENGL 3180	3
GENE 3140 OR PLP 4160 OR PLSC 2050 OR PLSC 2070 OR PLSC 3070 OR PLSC 3380 OR PLSC 4100 OR PLSC 4460 OR PLSC 4880 OR SOIL 4460 OR STAT 2510	3
Social and Behavioral Ways of Knowing Course	3
Elective Course	3
Hours	16
Spring Term 3	
PLSC 4380 Pesticides in the Environment	3
Humanistic and Artistic Ways of Knowing Course	3
AGED 4060 OR AGED 4070 OR FN 4500 OR SOC 3500	3
LARC 2880 OR PLSC 3400 OR PLSC 4330 OR PLSC 4510 OR PLSC 4900 OR SOIL 4170	3
GENE 3140 OR PLP 4160 OR PLSC 2050 OR PLSC 2070 OR PLSC 3070 OR PLSC 3380 OR PLSC 4100 OR PLSC 4460 OR PLSC 4880 OR SOIL 4460 OR STAT 2510	3
Hours	15
Fall Term 4	
PLSC 4000 Plant Science Seminar	1
PLP 4150 Plant Pathology	3
PLSC 3980 OR PLSC 4020 OR PLSC 4990	3
GENE 3140 OR PLP 4160 OR PLSC 2050 OR PLSC 2070 OR PLSC 3070 OR PLSC 3380 OR PLSC 4100 OR PLSC 4460 OR PLSC 4880 OR SOIL 4460 OR STAT 2510	3
LARC 2880 OR PLSC 3400 OR PLSC 4330 OR PLSC 4510 OR PLSC 4900 OR SOIL 4170	3
Hours	13
Spring Term 4	
PLSC 3000 Plant Propagation	3
PLSC 4010 Plant Physiology	3
American Experience Course	3
LARC 2880 OR PLSC 3400 OR PLSC 4330 OR PLSC 4510 OR PLSC 4900 OR SOIL 4170	3
GENE 3140 OR PLP 4160 OR PLSC 2050 OR PLSC 2070 OR PLSC 3070 OR PLSC 3380 OR PLSC 4100 OR PLSC 4460 OR PLSC 4880 OR SOIL 4460 OR STAT 2510	3
Hours	15
Total Hours	120

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

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.