

URBAN PLANT AGRICULTURE BS PATHWAY

Total Units Required: 190 units

Required Course Listings

This breakdown shows an Urban Plant Agriculture BS Pathway to be completed in 4 years at La Sierra University. All courses with a star (*) indicate a prerequisite or multiple prerequisites for the class. Courses with a dagger (†) are only offered in years ending with an odd number (e.g. 2026-2027 school year) and courses with a double dagger (‡) are only offered in years ending with an even number (e.g. 2025-2026 school year). By following the suggested/required sequencing all necessary prerequisite courses will be fulfilled. Contact your Guided Pathways Faculty Advisor for information regarding your Major Requirements and prerequisites. The Bulletin is the official list of requirements for a degree.

Major Requirements (84 units)		
Course	Course Title	Units
AGRI 111	Introduction to Growing Food Sustainably	3
AGRI 112	Water Management in Growing Food*	3
AGRI 112L	Water Management in Growing Food Lab*	1
SUST 397	Internship in Sustainability	4
SUST 421	Writing Sustainability Reports*	4
SUST 422	Promoting Sustainability*	2
MATH/DATA 155/115	MATH 155 Introductory Statistics OR DATA 115 Data Fluency for Everyone	4
AGRI 113	Quality Control in Growing Food*	3
AGRI 113L	Quality Control in Growing Food Lab*	1
AGRI 281	Organic Chemistry & Biochemistry for Agriculture*	4
AGRI 282	Cell Biology & Genetics for Agriculture*	4
AGRI 301	Cultivated Plants: Nutrients & Pest Management*	4
AGRI 302	Cultivated Plants: Metabolics, Growth, & Yield*	4
AGRI 303	Cultivated Plants: Sustainability & Ecology*	4
AGRI 411	Soil Science*	4
AGRI 411L	Soil Science Lab*	2
BIOL 111	General Biology I	4
BIOL 111A	General Biology Seminar	0
BIOL 111L	General Biology I Lab*	1
BIOL 112	General Biology II*	4
BIOL 112L	General Biology II Lab*	1
BIOL 113	General Biology III*	4
BIOL 113L	General Biology III Lab*	1
ANTH 339	Food & Culture†	4
HLSC 225	Nutrition Theory & Practice	4
SOWK 320	Cultural Humility*	2
agri 3/400	Urban Agriculture Breadth Course*	8

General Education Requirements (106 units)		
Course	Course Title	Units
UNST 101	First Year Seminar	3
ENGL 111	College Writing I	3
ENGL 112	College Writing II*	3
ENGL 113	College Writing III*	3
ENGL 304	Advanced Expository Writing*	4
HLSC 120	Lifetime Fitness	2
GE5 X00	Social Sciences Elective	4
GE6 X00	Arts & Humanities Elective	4
GE6-IDEI X00	Arts & Humanities Elective with IDEI	8
GE7 X00	Religious Beliefs and Practice Elective	8
GE7B X00	Beliefs and Heritage: Religious Beliefs and Practice	4
GE7C X00	Scripture: Religious Beliefs and Practice Elective	4
GE8A X00	Life Science Elective	4
GE8BL X00	Physical Science with Lab Elective	4
UNST 404U-SL	Senior Seminar: Religion, Values & Social Responsibility (with Service Learning)*	4
elct 3/400	Upper Division Elective	10
elct X00	Elective	30
elct X00-SL	Elective with Service Learning	4
A total of 12 units of IDEI courses and 2 service learning courses are required.		

Sequencing for B.S. in Urban Plant Agriculture at La Sierra University

Year 1			Year 1			Year 1		
Fall Quarter (16 units)			Winter Quarter (15 units)			Spring Quarter (17 units)		
Course	Course Title	Units	Course	Course Title	Units	Course	Course Title	Units
AGRI 111	Introduction to Growing Food Sustainably	3	AGRI 112	Water Management in Growing Food*	3	MATH/DATA 155/115	MATH 155 Introductory Statistics OR DATA 115 Data Fluency for Everyone	4
BIOL 111	General Biology I	4	AGRI 112L	Water Management in Growing Food Lab*	1	AGRI 113	Quality Control in Growing Food*	3
BIOL 111A	General Biology Seminar	0	BIOL 112	General Biology II*	4	AGRI 113L	Quality Control in Growing Food Lab*	1
BIOL 111L	General Biology I Lab*	1	BIOL 112L	General Biology II Lab*	1	BIOL 113	General Biology III*	4
ENGL 111	College Writing I	3	ENGL 112	College Writing II*	3	BIOL 113L	General Biology III Lab*	1
UNST 101	First Year Seminar	1	HLSC 120	Lifetime Fitness	2	ENGL 113	College Writing III*	3
MATH 0X7	Intermediate Algebra or Intermediate Algebra Emporium II	4	UNST 101	First Year Seminar	1	UNST 101	First Year Seminar	1
Year 2			Year 2			Year 2		
Fall Quarter (16 units)			Winter Quarter (16 units)			Spring Quarter (16 units)		
Course	Course Title	Units	Course	Course Title	Units	Course	Course Title	Units
AGRI 281	Organic Chemistry & Biochemistry for Agriculture*	4	AGRI 282	Cell Biology & Genetics for Agriculture*	4	GE6 X00	Arts & Humanities Elective	4
GE5 X00	Social Sciences Elective	4	HLSC 225	Nutrition Theory & Practice	4	GE6-IDEI X00	Arts & Humanities Elective with IDEI	4
GE7 X00	Religious Beliefs and Practice Elective	4	elct X00	Elective	4	elct X00	Elective	4
elct X00	Elective	4	elct X00	Elective	4	elct X00	Elective	4
Year 3			Year 3			Year 3		
Fall Quarter (16 units)			Winter Quarter (17 units)			Spring Quarter (16 units)		
Course	Course Title	Units	Course	Course Title	Units	Course	Course Title	Units
AGRI 301	Cultivated Plants: Nutrients & Pest Management*	4	AGRI 302	Cultivated Plants: Metabolics, Growth, & Yield*	4	SUST 397	Internship in Sustainability	4
GE7 X00	Religious Beliefs and Practice Elective	4	ANTH 339	Food & Culture†	4	AGRI 303	Cultivated Plants: Sustainability & Ecology*	4
GE7B X00	Beliefs and Heritage: Religious Beliefs and Practice	4	SOWK 320	Cultural Humility*	2	elct 3/400	Upper Division Elective	4
GE8BL X00	Physical Science with Lab Elective	4	GE8A X00	Life Science Elective	4	elct X00-SL	Elective with Service Learning	4
			elct X00	Elective	3			
Year 4			Year 4			Year 4		
Fall Quarter (16 units)			Winter Quarter (16 units)			Spring Quarter (17 units)		
Course	Course Title	Units	Course	Course Title	Units	Course	Course Title	Units
AGRI 411	Soil Science*	4	SUST 421	Writing Sustainability Reports*	4	SUST 422	Promoting Sustainability*	2
AGRI 411L	Soil Science Lab*	2	agri 3/400	Urban Agriculture Breadth Course*	4	agri 3/400	Urban Agriculture Breadth Course*	4
GE6-IDEI X00	Arts & Humanities Elective with IDEI	4	ENGL 304	Advanced Expository Writing*	4	GE7C X00	Scripture: Religious Beliefs and Practice Elective	4
elct 3/400	Upper Division Elective	4	UNST 404U-SL	Senior Seminar: Religion, Values & Social Responsibility (with Service Learning)*	4	elct X00	Elective	4
elct 3/400	Upper Division Elective	2				elct X00	Elective	3