

SUSTAINABLE FOOD SYSTEMS (B.S.AG.L.S.)

Required course work includes the university requirements (see regulation J-3 (<https://catalog.uidaho.edu/general-requirements-academic-procedures/j-general-requirements-baccalaureate-degrees/#j3>)) and:

Code	Title	Hours
Agricultural and Life Sciences Core (https://catalog.uidaho.edu/colleges-related-units/agricultural-life-sciences/curricular-requirements/)		13
Sustainable Food Systems Courses		
BIOL 1150 & 1150L	Cells and the Evolution of Life and Cells and the Evolution of Life Laboratory	4
MVSC 4860	Community Health Assessment, Planning, and Intervention	3
POLS 3640	Politics of the Environment	3
SOIL 2050	The Soil Ecosystem	3
SOIL 2060	The Soil Ecosystem Lab	1
SOIL 2100	Introduction to Food Systems	3
SOIL 3980	Internship	1-6
SOIL 4170	Market Garden Practicum	1-6
SOIL 4270	Sustainable Food Systems	3
STAT 2510	Statistical Methods	3
Select one of the following sequences:		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:		2-3
COMM 1101	Fundamentals of Oral Communication	
COMM 1500	Online Oral Communication	
Select one of the following:		3
ENGL 3130	Business Writing	
ENGL 3160	Environmental Writing	
ENGL 3170	Technical Writing II	
Select one of the following:		3-4
MATH 1143	Precalculus I: Algebra	
MATH 1160	Survey of Calculus	
MATH 1170	Calculus I	
Select at least 6 credits from the following:		6
IS 4100	NGOs in the International System	
NRS 2350	Society and Natural Resources	
POLS 2090	Introduction to American Politics and Policy	
SOC 1101	Introduction to Sociology	
Select at least one of the following:		3-4
AVS 1090	The Science of Animals that Serve Humanity	
AVS 1100 & 1100L	Science of Animal Husbandry and Science of Animal Husbandry Lab	
PLSC 1020	The Science of Plants in Agriculture	
Select from the following major electives to total required credit hours:		

ANTH 4570	Tribal Sovereignty and Federal Policy
ASM 1070	Beginning Welding
ASM 2020	Agricultural Shop Practices
ASM 3150	Irrigation Systems and Water Management
AVS 3630	Animal Products for Human Consumption
BIOL 3000	Survey of Biochemistry
CHEM 2750	Carbon Compounds
	or CHEM 2770 Organic Chemistry I
CLDR 3600	Leadership and Community Dynamics
ENT 3220	General and Applied Entomology
EPPN 1540 & EPPN 1550	Microbiology and the World Around Us and Microbiology and the World Around Us: Laboratory
FN 2050	Concepts in Human Nutrition
FOR 2100	Principles of Ecology
FS 1100	Introduction to Food Science
FOR 3700	Fundamentals of Geomatics
FS 2010	Science on Your Plate: Food Safety, Risks and Technology
FS 4360	Principles of Sustainability
GEOG 1650	Human Geography
GEOG 3130	Global Climate Change
GEOG 3850	Foundations of GIS
GEOG 4240	Hydrologic Applications of GIS and Remote Sensing
MKTG 3210	Marketing
ORGS 3050	Nonprofit Organizations
PLSC 3380	Organic and Conventional Weed Management
PLSC 4510	Vegetable Crops
SOIL 4220	Environmental Soil Chemistry
SOIL 4250	Microbial Ecology
SOIL 4380	Pesticides in the Environment
SOIL 4460	Soil Fertility
SOIL 4540	Pedology
SOC 3500	Food, Culture, and Society
SOC 4650	Environmental Justice

Total Hours **59-72**

Courses to total 120 credits for this degree

Fall Term 1	Hours
ENGL 1101 Writing and Rhetoric I	3
AVS 1090 OR (AVS 1100 AND AVS 1100L) OR PLSC 1020	3
MATH 1143 OR MATH 1160 OR MATH 1170	3
Humanistic and Artistic Ways of Knowing Course	3
Major Elective Course	3
Hours	15
Spring Term 1	Hours
COMM 1101 Fundamentals of Oral Communication	3
ENGL 1102 Writing and Rhetoric II	3
(CHEM 1101 AND CHEM 1101L) OR (CHEM 1111 AND CHEM 1111L)	4
Social and Behavioral Ways of Knowing Course	3
Major Elective Course	2
Hours	15
Fall Term 2	Hours
AGEC 2780 Farm and Agribusiness Management	4

2 Sustainable Food Systems (B.S.Ag.L.S.)

BIOL 1150	Cells and the Evolution of Life	3
BIOL 1150L	Cells and the Evolution of Life Laboratory	1
SOIL 2050	The Soil Ecosystem	3
SOIL 2060	The Soil Ecosystem Lab	1
Major Elective Course		3
Hours		15
Spring Term 2		
ECON 2202	Principles of Microeconomics	3
STAT 2510	Statistical Methods	3
IS 4100 OR NRS 2350 OR POLS 2090 OR SOC 1101		3
Major Elective Course		3
Major Elective Course		3
Hours		15
Fall Term 3		
SOIL 2100	Introduction to Food Systems	3
ENGL 3160 OR ENGL 3170 OR ENGL 3180		3
IS 4100 OR NRS 2350 OR POLS 2090 OR SOC 1101		3
Major Elective Course		3
Major Elective Course		3
Hours		15
Spring Term 3		
AGED 4510	Communicating in Agriculture	3
MVSC 4860	Community Health Assessment, Planning, and Intervention	3
AGED 4060 OR AGED 4070		3
Humanistic and Artistic Ways of Knowing Course		3
American Experience Course		3
Hours		15
Fall Term 4		
SOIL 3980	Internship	3
Major Elective Course		3
Major Elective Course		3
Major Elective Course		3
Major Elective Course		3
Hours		15
Spring Term 4		
POLS 3640	Politics of the Environment	3
SOIL 4170	Market Garden Practicum	3
SOIL 4270	Sustainable Food Systems	3
Major Elective Course		3
Major Elective Course		3
Hours		15
Total Hours		120

4. Students demonstrate the ability to effectively communicate science-based data 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 can apply scientific principles and systems thinking to the development and management of sustainable agricultural and food systems.
2. Students demonstrate the ability to assess the sustainability of agricultural and food systems using a systems-based approach applying economic, social, and natural-resource related criteria.
3. Students understand the roles and responsibilities of food systems professionals in society.