ENTOMOLOGY (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/)) and:

Code	Title	Hours
Agricultural and Life Sciences Core (https://catalog.uidaho.edu/colleges-related-units/agricultural-life-sciences/curricular-requirements/)		13
Entomology Courses		
BIOL 1140	Organisms and Environments	4
BIOL 1150	Cells and the Evolution of Life	3
BIOL 1150L	Cells and the Evolution of Life Laboratory	1
BIOL 2130	Structure and Function Across the Tree of Life	4
or PLSC 2050	General Botany	
BIOL 3120	Molecular and Cellular Biology	3
BIOL 3130	Molecular and Cellular Laboratory	1
CHEM 1111	General Chemistry I	3
CHEM 1111L	General Chemistry I Laboratory	1
CHEM 1120	General Chemistry II	4
CHEM 1120L	General Chemistry II Laboratory	1
CHEM 2750	Carbon Compounds	3
or CHEM 2770	Organic Chemistry I	
COMM 1101	Fundamentals of Oral Communication	3
ENT 3220	General and Applied Entomology	4
ENT 4000	Seminar	1
ENT 4380	Pesticides in the Environment	3
ENT 4400	Insect Identification	4
ENT 4410	Insect Ecology	3
PLP 4150	Plant Pathology	3
or SOIL 4250	Microbial Ecology	
PLSC 1020	The Science of Plants in Agriculture	3
PLSC 2070	Introduction to Biotechnology	3
SOIL 2050	The Soil Ecosystem	3
SOIL 2060	The Soil Ecosystem Lab	1
STAT 2510	Statistical Methods	3
Select one of the following:		3
ENGL 2070	Persuasive Writing	
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:		4
PHYS 1000 & 1000L	Fundamentals of Physics and Fundamentals of Physics Lab	
PHYS 1111 & 1111L	General Physics I and General Physics I Lab	
Select 3 credits of Biotechnology electives		3
Select 5 credits of Entomology electives		5
Select 9 credits of Life Science electives		9
Select 4 credits of Mathematics electives		4
Select one of the following:		3-5
EPPN 1540 & EPPN 1550	Microbiology and the World Around Us and Microbiology and the World Around Us: Laboratory	
BIOL 2500 & BIOL 2550	General Microbiology and General Microbiology Lab	
BIOL 3000	Survey of Biochemistry	
or BIOL 3800	Biochemistry I	
CHEM 2530 & CHEM 2540	Quantitative Analysis and Quantitative Analysis: Lab	
Select one of the following:		3-4
BIOL 3100 & BIOL 3150	Genetics and Genetics Lab	
GENE 3140	General Genetics	
Total Hours		**112-116**

Courses to total 128 credits for this degree

Fall Term 1		Hours
PLSC 1020	The Science of Plants in Agriculture	3
COMM 1101	Fundamentals of Oral Communication	3
ENGL 1101	Writing and Rhetoric I	3
Humanistic and Artistic Ways of Knowing Course		3
MATH 1143 or MATH 1160 or MATH 1170		3
	Hours	**15**
Spring Term 1		
BIOL 1140	Organisms and Environments	4
ENGL 1102	Writing and Rhetoric II	3
Mathematics, Major Elective Course		4
(CHEM 1101 and CHEM 1101L) or (CHEM 1111 and CHEM 1111L)		4
	Hours	**15**
Fall Term 2		
BIOL 1150	Cells and the Evolution of Life	3
BIOL 1150L	Cells and the Evolution of Life Laboratory	1
CHEM 1120	General Chemistry II	4
CHEM 1120L	General Chemistry II Laboratory	1
ENT 3220	General and Applied Entomology	4
PLSC 2070	Introduction to Biotechnology	3
	Hours	**16**
Spring Term 2		
STAT 2510	Statistical Methods	3
CHEM 2750 or CHEM 2770		3
(PHYS 1000 and PHYS 1000L) or (PHYS 1111 AND PHYS 1111L)		4
BIOL 2130 or PLSC 2050		4
(EPPN 1540 and EPPN 1550) or (BIOL 2500 and BIOL 2550)		4
	Hours	**18**
Fall Term 3		
ECON 2202	Principles of Microeconomics	3
SOIL 2050	The Soil Ecosystem	3
SOIL 2060	The Soil Ecosystem Lab	1
Life Science, Major Elective Course		3
PLP 4150 or SOIL 4250		3
ENGL 2070 or ENGL 3130 or ENGL 3160 or ENGL 3170 or ENGL 3180		3
	Hours	**16**

Spring Term 3		
AGEC 2780	Farm and Agribusiness Management	4
AGED 4510	Communicating in Agriculture	3
BIOL 3120	Molecular and Cellular Biology	3
BIOL 3130	Molecular and Cellular Laboratory	1
BIOL 3140	Ecology and Population Biology	4
AGED 4060 or AGED 4070		3
	Hours	**18**
Fall Term 4		
ENT 4410	Insect Ecology	3
PLSC 4000	Plant Science Seminar	1
Social and Behavioral Ways of Knowing Course		3
Life Science, Major Elective Course		3
Entomology, Major Elective Course		3
(BIOL 3100 AND BIOL 3150)		3
	Hours	**16**
Spring Term 4		
ENT 4400	Insect Identification	4
ENT 4380	Pesticides in the Environment	3
Biotechnology, Major Elective Course		3
Entomology, Major Elective Course		3
Humanistic and Artistic Ways of Knowing Course		3
American Experience Course		3
	Hours	**19**
	Total Hours	**133**

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. The student will demonstrate knowledge of the defining characteristics, diversity, and ecological role of insects.
2. The student will be able to describe positive and negative impacts of insects on human health, ecological health, agriculture, and the national and global economies.