ENTOMOLOGY

2024/2025 Four-Year Plan

This document is for planning purposes only. For official degree information, refer to Degree Audit and speak with your advisor.

YEAR 1 • FALL		
	PLSC 102 (F) Science of Plants in Agriculture	3
	COMM 101 OR AGED 101 Fund. of Oral Comm. or Verbal Comm. in Agriculture, Food and Natural Resources	3
	ELECTIVE General Education	3
	MATH 143, 160 or 170 Math Core *(Test Scores/MATH 108)*	3
	ENGL 101 Introduction to College Writing *(Test Scores, ENGL 109)*	3
	EPPN 100 Epidemics: Drivers of Society	1
	TOTAL CREDITS	16

YEAR 1 • SPRING		
	BIO 114 Organisms and Environments	4
	CHEM 111/111L Principles of Chemistry I *(Test Scores/CHEM 101/MATH 143)*	4
	ENGL 102 College Writing & Rhetoric *(Test Scores/ENGL 101)*	3
	ELECTIVE Math	4
	TOTAL CREDITS	15

YEAR 2 • FALL		
	CHEM 112/112L Principles of Chemistry II *(CHEM 111)*	5
	BIOL 115/115L Cells and the Evolution of Life *(CHEM 101 or 111)*	4
	PLSC 207 (F Alt Years) Intro to Biotechnology *(CHEM 101 or 111)*	3
	ELECTIVE Physics	4
	TOTAL CREDITS	16

YEAR 2 • SPRING		
	STAT 251 Statistical Methods (*MATH 108, 143, 160, or 170)*	3
	CHEM 275 Carbon Compounds *(CHEM 101/L or 111/L)* **OR CHEM 277** Organic Chemistry *(CHEM 112)*	3
	BIOL 213 (S) Biological Structure and Function *(BIOL 114 or 115)* **or PLSC 205 (S)** General Botany *(BIOL 114 or 115)*	4
	EPPN 154/155 (S), BIOL 250/255 (F), BIOL 310, BIOL 380 or CHEM 253/254	4-5
	ENT 322 (S) General and Applied Entomology	4
	TOTAL CREDITS	18-19

YEAR 3 • FALL		
	SOIL 205/206 The Soil Ecosystem *(CHEM 111)*	4
	ENT 440 (F Alt Years) Insect Identification *(ENT 322)*	4
	ENT 441 (F Alt Years) Insect Ecology *(ENT 322)*	3
	ECON 201 or 202 Principles of Microeconomics or Principles of Microeconomics	3
	ELECTIVE English	3
	TOTAL CREDITS	17

YEAR 3 • SPRING		
	AGEC 278 Farm & Agribusiness Management *(ENGL 102; Soph)*	3
	AGED 451 Communicating in Agriculture	3
	BIOL 314 (S) Ecology and Population Biology *(STAT 251, MATH 160 or 170, BIOL 114 & 115/L)*	4
	AGED 406 (S) or 407 Exploring International Ag *(Junior/Senior; AGED 180, ASM 112 or SOIL 205)* or Global Ag & Life Sciences Systems	3
	BIOL 312/313 (S) Molecular and Cellular Biology *(BIOL 115/L)*	4
	TOTAL CREDITS	17

YEAR 4 • FALL		
	ELECTIVE General Education	3
	PLP 415 (F) Plant Pathology **OR SOIL 425 (S Alt Years)** Microbial Ecology *(PLSC 102, BIOL 154/155 or 250/255)*	3
	BIOL 310/315 or GENE 314 (S) Genetics *(BIOL 115/L or 250)*	3-4
	ELECTIVE Life Science	3
	ELECTIVE Entomology *(Varies)*	3
	TOTAL CREDITS	15-16

YEAR 4 • SPRING		
	ELECTIVE Life Science	3
	ENT 438 (S) Pesticides in the Environment	3
	ELECTIVE General Education	3
	ELECTIVE Entomology *(Varies)*	3
	ELECTIVE Biotechnology	3
	TOTAL CREDITS	15

COURSE # Course Name *(Prerequisites, Co-Requisites)*

F = FALL, S = SPRING

University of Idaho
College of Agricultural and Life Sciences

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Visit **uidaho.edu/cals**

ENTOMOLOGY

Explore the role insects play in crop production and landscapes. Study pollination, disease transmission, pest management and all areas of entomology. You will apply what you learn in the classroom at on-campus laboratories, fields and greenhouses.

Career Options

- Entomologist
- Soil and Plant Scientist
- Agricultural Teacher
- Natural Sciences Manager
- Environmental Scientist
- Pesticide Use Specialist
- Research Assistant
- Extension Educator
- Laboratory Technician

Fast Facts

- Access to more than 1 million insect specimens in the U of I William F. Barr Entomological Museum.
- Observe insects in their native habitats and collect samples at on-campus farms and greenhouses.
- Develop and conduct your own research project.
- Get involved with the Aldrich Entomology Club, Plant & Soil Science Club or Environmental Science Club to network with peers and potential employers.

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