### Year 1: Fall
- **AVS 109 (F)** The Science of Animals That Serve Humanity (4 credits)
- **PHIL 103** Introduction to Ethics (3 credits)
- **ELECTIVE** General Education or Entomology (3 credits)
- **MATH 143, 160 or 170** Math Core (Test Scores/MATH 108) (3 credits)
- **ENGL 101** Introduction to College Writing (Test Scores, ENGL 101) (3 credits)

**Total Credits:** 16

### Year 1: Spring
- **BIO 114** Organisms and Environments (4 credits)
- **SOC 101** Introduction to Sociology (3 credits)
- **ENGL 102** College Writing & Rhetoric (Test Scores/ENGL 101) (3 credits)
- **COMM 101 OR AGED 101** Fund. of Oral Comm. or Verbal Comm. in Agriculture, Food and Natural Resources (3 credits)
- **EPPN 110** Introduction to Global Disease Ecology (2 credits)

**Total Credits:** 15

### Year 2: Fall
- **CHEM 111/111L** Principles of Chemistry I (Test Scores/CHEM 101/MATH 143) (4 credits)
- **PLSC 102** Science of Plants in Agriculture (3 credits)
- **MATH 160** Survey of Calculus (Test Scores/MATH 143) (4 credits)
- **ECON 201 or 202** Principles of Macro or Microeconomics (3 credits)
- **EPPN 220** Global Disease Ecology Seminar (2 credits)

**Total Credits:** 16

### Year 2: Spring
- **STAT 251** Statistical Methods (MATH 108, 143, 160, or 170) (3 credits)
- **CHEM 112/112L** Principles of Chemistry II (CHEM 111) (5 credits)
- **BIOL 115/115L** Cells and the Evolution of Life (CHEM 101 or 111) (4 credits)
- **EPPN 154/155** Microbiology & the World Around Us/Lab (4 credits)

**Total Credits:** 16

### Year 3: Fall
- **BIO 310** Genetics (BIOL 115/L or 250) (3 credits)
- **AVS 371 (F)** Anatomy & Physiology (3 credits)
- **PLSC 207 (F Alt Years)** Introduction to Biotechnology (3 credits)
- **ENT 322** General and Applied Entomology (4 credits)
- **ELECTIVE** BIOL 426 (F Alt Years) or ENG (3 credits)

**Total Credits:** 16

### Year 3: Spring
- **CHEM 275** Carbon Compounds (CHEM 101/L or 111/L) OR CHEM 277 Organic Chemistry (CHEM 113) (3 credits)
- **EPPN 440** Research Practicum (2 credits)
- **BIOL 314 (S)** Ecology and Population Biology (STAT 251, MATH 160 or 170, BIOL 114 & 115/L) (3 credits)
- **SOIL 205/206** The Soil Ecosystem (CHEM 111) (3 credits)
- **BIOL 312 (S)** Molecular and Cellular Biology (BIOL 115/L) (3 credits)
- **ELECTIVE** Humanities (3 credits)

**Total Credits:** 17

### Year 4: Fall
- **ELECTIVE** International (3 credits)
- **BIOL 444** Genomics (3 credits)
- **ENT 441 (F)** Insect Ecology (ENT 322) (3 credits)
- **BIOL 300 (F) or 380 (F)** Survey of Biochemistry or Biochemistry (3 credits)
- **AVS 268** Companion Animal Diseases (2 credits)

**Total Credits:** 14

### Year 4: Spring
- **BIOL 447 (F Alt Years)** Virology (BIOL 312) (3 credits)
- **ELECTIVE** Biotechnology (3 credits)
- **ENT 438 (S)** Pesticides in the Environment (3 credits)
- **ELECTIVE** AGED 406 or 407 Recommended (3 credits)
- **ELECTIVE** Entomology 411 or 476 (3 credits)

**Total Credits:** 15

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**Global Disease Ecology**

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**University of Idaho**

College of Agricultural and Life Sciences

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**2023/2024 Four-Year Plan**

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

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