## AVS PRE-VET

### Year 1 • Fall
- AVS 109 (F) The Science of Animals That Serve Humanity 4
- MATH 143, 160, or 170 Math Core 3
- COMM 101 Public Speaking 2
- ENGL 101 Introduction to College Writing 3
- ISEM 101 Integrated Seminar 3

**Total Credits**: 15

### Year 1 • Spring
- AVS 110/110L (S) Science of Animal Husbandry 4
- BIOL 115/115L Cells & Evolution of Life 4
- CHEM 111/111L General Chemistry 4
- ENGL 102 College Writing and Rhetoric 3

**Total Credits**: 15

### Year 2 • Fall
- STATS 251 Statistical Methods 3
- CHEM 112/112L Principles of Chemistry II 5
- BIOL 114 Organisms & Environments 4
- AVS 330 (F) Genetics of Livestock Improvement 3

**Total Credits**: 15

### Year 2 • Spring
- Elective Animal Science 3
- CHEM 277/278 Organic Chemistry & Lab 4
- EPPN 154/155 (S) or BIOL 250/255 (F) General Microbiology 4-5
- ELECTIVE General Education 3

**Total Credits**: 14-15

### Year 3 • Fall
- AVS 371 (F) Anatomy & Physiology 3
- AVS 373 (F) Anatomy & Physiology Lab 1
- AVS 305 (F) Animal Nutrition 4
- ELECTIVE General Education 3
- BIOL 300 (F) or 380 (F) Survey of Biochemistry or Biochemistry 3-4

**Total Credits**: 14-15

### Year 3 • Spring
- AVS 306 (S) Feeds & Ration Formulation 4
- GENE 314 (S) or BIOL 310, 315 (F) Genetics 3-4
- ELECTIVE General Education or Science Elective 3
- ENGL 317 Technical Writing 3
- ELECTIVE General Education 3

**Total Credits**: 16-17

### Year 4 • Fall
- AVS 452 (F) Physiology of Reproduction 4
- PHYS 111/111L General Physics I 4
- ELECTIVE International 3
- AVS 466 (F) or 472 (F) Equine Science and Management or Dairy Cattle Management 3
- ELECTIVE General Education or Animal Science 3

**Total Credits**: 17

### Year 4 • Spring
- AVS 450 Issues in Animal Agriculture 2
- AVS 471 (S) Animal Disease Management 3
- AVS 474 (S) or 476 (S) Beef Cattle Science or Sheep Science 3
- PHYS 112/112L (S) General Physics II 4
- ELECTIVE General Education or Animal Science 3

**Total Credits**: 15

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**COURSE #** Course Name

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<th>YEAR</th>
<th>FALL</th>
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| 2    | STATS 251 Statistical Methods | ELECTIVE Animal Science |
|      | CHEM 112/112L Principles of Chemistry II | CHEM 277/278 Organic Chemistry & Lab |
|      | BIOL 114 Organisms & Environments | EPPN 154/155 (S) or BIOL 250/255 (F) General Microbiology |
|      | AVS 330 (F) Genetics of Livestock Improvement | ELECTIVE General Education |
|      | **TOTAL CREDITS**: 15 | **TOTAL CREDITS**: 14-15 |

| 3    | AVS 371 (F) Anatomy & Physiology | AVS 306 (S) Feeds & Ration Formulation |
|      | AVS 373 (F) Anatomy & Physiology Lab | GENE 314 (S) or BIOL 310, 315 (F) Genetics |
|      | AVS 305 (F) Animal Nutrition | ELECTIVE General Education or Science Elective |
|      | ELECTIVE General Education | ENGL 317 Technical Writing |
|      | BIOL 300 (F) or 380 (F) Survey of Biochemistry or Biochemistry | ELECTIVE General Education |
|      | **TOTAL CREDITS**: 14-15 | **TOTAL CREDITS**: 16-17 |

| 4    | AVS 452 (F) Physiology of Reproduction | AVS 450 Issues in Animal Agriculture |
|      | PHYS 111/111L General Physics I | AVS 471 (S) Animal Disease Management |
|      | ELECTIVE International | AVS 474 (S) or 476 (S) Beef Cattle Science or Sheep Science |
|      | AVS 466 (F) or 472 (F) Equine Science and Management or Dairy Cattle Management | PHYS 112/112L (S) General Physics II |
|      | ELECTIVE General Education or Animal Science | ELECTIVE General Education or Animal Science |
|      | **TOTAL CREDITS**: 17 | **TOTAL CREDITS**: 15 |

**F = FALL, S = SPRING**

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**University of Idaho**
College of Agricultural and Life Sciences

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