

**THE UNIVERSITY OF FINDLAY**  
**ANIMAL SCIENCE STUDIES**  
**DEGREE REQUIREMENTS**  
**INDUSTRY EMPHASIS**

\_\_\_\_ ANSC 110 – First Year Experience for Animal Science Majors (1hr)

**Animal Science Introduction Course**

\_\_\_\_ ANSC 131 – Introduction to Animal Science (3hrs) **OR** EQST 101 – Introduction to Equine Science

**Principles of Nutrition**

\_\_\_\_ ANSC 231 – Principles of Food Animal Nutrition (3hrs) **OR** EQST 201 – Principles of Equine Nutrition

**Physiology of Reproduction**

\_\_\_\_ ANSC 232 – Physiology of Reproduction & Growth (3hrs) **OR** EQST 202 – Physiology of Equine Reproduction

**Principles of Genetics**

\_\_\_\_ ANSC 310 – Principles of Animal Breeding & Genetics (3hrs) **OR** BIOL 310 – Human Genetics (3hrs)

**Biology**

\_\_\_\_ BIOL102 – Intro to Biological Sciences **OR** higher (3hrs)

**Chemistry**

\_\_\_\_ CHEM 111/111L – Basic Chemistry **OR** higher (4hrs)

**Mathematics-MUST TAKE 1 of 3**

\_\_\_\_ MATH 123 – Statistics (3hrs)

\_\_\_\_ MATH 221 - Integrated Statistical Analysis (3hrs)

\_\_\_\_ MATH 223 – Applied Statistics and Data Analysis (3hrs)

**Core Lower Level**

\_\_\_\_ BUAD 220 – Principles of Mgmt. (3hrs)

\_\_\_\_ ANSC 240 – Animal Products (3hrs)

**Core Upper Level**

\_\_\_\_ ANSC 320 – Meat Animal Evaluation (3hrs)

\_\_\_\_ ANSC 315 – Farm Business Management (3hrs)

\_\_\_\_ ANSC 340 – Livestock and Agricultural Product Merchandising (3hrs)

**Production and Management-MUST TAKE 3 OF 5**

\_\_\_\_ ANSC 351 – Beef Production & Mgmt. (2hrs)

\_\_\_\_ ANSC 352 – Dairy Production & Mgmt. (2hrs)

\_\_\_\_ ANSC 353 – Sheep Production & Mgmt. (2hrs)

\_\_\_\_ ANSC 354 – Swine Production & Mgmt. (2hrs)

\_\_\_\_ ANSC 355 – Horse Production & Mgmt. (2hrs)

**Internship**

\_\_\_\_ ANSC 480 – Internship (minimum 3hrs)

**Junior Seminar**

\_\_\_\_ ANSC 399 – Junior Seminar in Animal Science (1hr)

**Senior Seminar**

\_\_\_\_ ANSC 499 – Senior Seminar in Animal Science (1hr)

**Animal Science Upper and Lower-Level Electives-15 credits required, MUST TAKE 9 credits of Upper Level**

- \_\_\_ ANSC 133 – Practical Animal Handling I: Equine (2hrs)
- \_\_\_ ANSC 134 – Practical Animal Handling II: Food Animals (2hrs)
- \_\_\_ ANSC 240 – Animal Products (3hrs)
- \_\_\_ ANSC 260 – Principles of Meat Science (3hrs)
- \_\_\_ ANSC 310 – Principles of Animal Breeding and Genetics (3hrs)\*
- \_\_\_ ANSC 315 – Farm Business Management (3hrs)\*
- \_\_\_ ANSC 320 – Meat Animal Evaluation (3hrs)\*
- \_\_\_ ANSC 330 – Forage & Crop Production (3hrs)
- \_\_\_ ANSC 331 – Small Animal Medicine (3hrs)
- \_\_\_ ANSC 332 – Food Animal Medicine (3hrs)
- \_\_\_ ANSC 340 – Livestock & Agricultural Product Merchandising (3hrs) \*
- \_\_\_ ANSC 351 – Beef Production & Mgmt. (2hrs)\*
- \_\_\_ ANSC 352 – Dairy Production & Mgmt. (2hrs)\*
- \_\_\_ ANSC 353 – Sheep Production & Mgmt. (2hrs)\*
- \_\_\_ ANSC 354 – Swine Production & Mgmt. (2hrs)\*
- \_\_\_ ANSC 355 – Horse Production & Mgmt. (2hrs)\*
- \_\_\_ ANSC 351L – Beef Production & Management/Lab (1hr)
- \_\_\_ ANSC 352L – Dairy Production & Management/Lab (1hr)
- \_\_\_ ANSC 353L – Sheep Production & Management/Lab (1hr)
- \_\_\_ ANSC 354L – Swine Production & Management/Lab (1hr)
- \_\_\_ ANSC 355L – Horse Production & Management/Lab (1hr)
- \_\_\_ ANSC 360 – Principles of Food Safety (3hrs)
- \_\_\_ ANSC 402 – Advanced Animal Reproduction (3hrs)
- \_\_\_ ANSC 404 – Advanced Animal Nutrition (3hrs)
- \_\_\_ ANSC 412 – Advanced Food Animal Reproduction Techniques (2hrs)
- \_\_\_ ANSC 435 – Introduction to Animal Ultrasound (2hrs)
- \_\_\_ ANSC 460 – Meat Products & Processing (3hrs)
- \_\_\_ ANSC 470 – Research in Animal Science (max 6 hrs)
- \_\_\_ ANSC 480 – Internship (max 6hrs)\*
- \_\_\_ ANSC 485 – International Animal Science Experience (max 6 hrs)
- \_\_\_ ANSC 490 – Advanced Topics in Animal Science (max 6hrs)
- \_\_\_ EQST 102 – Equine Selection/Judging – Western (3hrs)
- \_\_\_ EQST 103 – Introduction Therapeutic Riding (3hrs)
- \_\_\_ EQST 104 – Equine Selection/Judging – English (3hrs)
- \_\_\_ EQST 203 – Software Application Equine Business Mgmt. (3hrs)
- \_\_\_ EQST 301 – Equine Preventative Medicine (3hrs)
- \_\_\_ EQST 302 – Farm & Stable Management (3hrs)
- \_\_\_ EQST 332 – Equine Exercise Physiology (3hrs)
- \_\_\_ EQST 337 – Equine Marketing (3hrs)
- \_\_\_ EQST 380 – Professional Horse Show Practicum (3hrs)
- \_\_\_ EQST 401 – Teaching Basic Training & Equitation Skills (3hrs)
- \_\_\_ EQST 402 – Advanced Equine Reproduction (3hrs)
- \_\_\_ EQST 403 – Teaching Basic Training & Equitation Skills II (3hrs)
- \_\_\_ EQST 404 – Advanced Equine Nutrition (3hrs)
- \_\_\_ EQST 405 – Advanced Reproduction Techniques (2hrs)
- \_\_\_ EQST 411 – Farm Equipment Management (3hrs)
- \_\_\_ EQST 435 – Equine Law (3hrs)
- \_\_\_ EQST 480 – Internship (max 6hrs)
- \_\_\_ EQST 490 – Advanced Topics in Equine Science (max 6hrs)
- \_\_\_ PVET 310 – Graduate/Professional School Seminar (1hr)
- \_\_\_ PVET 490 – Clinic Internship (1hr)

**\*Courses required for the emphasis will not double count as an elective. Once emphasis requirement is fulfilled additional courses in the same category can count as electives.**

**General Education Requirements – CORE+**

**C (Critical Thinking Skills)**

- C1 \_\_\_\_\_
- C2 \_\_\_\_\_
- C3 \_\_\_\_\_

**O (Oral and Written Communication Skills)**

- O1 \_\_\_\_\_
- O2 \_\_\_\_\_
- O3 \_\_\_\_\_

**R (Relationships with the World)**

- R1 \_\_\_\_\_
- R2 \_\_\_\_\_
- R3 \_\_\_\_\_

**E (Engagement for Meaningful Lives and Productive Career)**

- E1 \_\_\_\_\_
- E2 \_\_\_\_\_
- E3 \_\_\_\_\_

**U (Oiler Six Outcomes)**

- U1 \_\_\_\_\_
- U2 \_\_\_\_\_