

THE UNIVERSITY OF FINDLAY
ANIMAL SCIENCE STUDIES
DEGREE REQUIREMENTS
SCIENCE 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 – Genetics (3hrs)

Biology

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

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

_____ CHEM 130/130L – General Chemistry I (4hrs)

_____ CHEM 131/131L – General Chemistry II (4hrs)

_____ CHEM 210/210L – Organic Chemistry I (4hrs)

_____ CHEM 211/211L – Organic Chemistry II (4hrs) **OR** _____ CHEM 225/225L – Basic Organic and Biochemistry (4 hrs)

Advanced-MUST TAKE 2 of 5

_____ ANSC 360 Principles of Food Safety (3hrs)

_____ ANSC 402 Advanced Animal Reproduction (3hrs)

_____ EQST 402 Advanced Equine Reproduction (3hrs)

_____ ANSC 404 Advanced Animal Nutrition (3hrs)

_____ EQST 404 Advanced Equine Nutrition (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)

_____ ANSC 356 – Poultry Production & Mgmt. (2hrs)

Junior Seminar

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

Senior Seminar

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

Animal Science Electives-15 credits required

- ___ 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 305 – Graduate/Professional School Seminar (1hr)
- ___ 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)
- ___ BIOL 310 – Genetics (3 hrs)
- ___ 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 402 – Advanced Equine Reproduction (3hrs)*
- ___ EQST 404 – Advanced Equine Nutrition (3hrs)*
- ___ EQST 405 – Advanced Reproduction Techniques (2hrs)
- ___ EQST 435 – Equine Law (3hrs)
- ___ EQST 480 – Internship (max 6hrs)
- ___ EQST 490 – Advanced Topics in Equine Science (max 6hrs)
- Any ASLA (Loop Abroad) course (max 6 hrs)

***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 _____