

Animal and Nutritional Science, B.S., B.S.Agr.

Degrees Offered

- Bachelor of Science
- Bachelor of Science in Agriculture

*Students are not eligible to earn both a B.S. and a B.S.Agr. in Animal and Nutritional Sciences.

Bachelor of Science - Animal & Nutritional Sciences Major

The curriculum in science, with its flexible design, provides the necessary background in biochemistry, chemistry, mathematics, physics, and modern concepts of biology in preparation for professional schools of dentistry, human medicine, optometry, pharmacy, veterinary medicine or graduate study in such fields as animal breeding, animal physiology, biochemistry and nutrition.

Bachelor of Science in Agriculture - Animal & Nutritional Sciences Major

This curriculum provides the necessary background in agricultural economics, agronomy, breeding, nutrition, and physiology to prepare for careers in production and management of cattle, small ruminants, pigs, horses, companion animals or poultry, and in food processing and technology.

FACULTY

CHAIR

- Christopher M. Ashwell - Ph.D. (Wake Forest University)
Functional genomics

PROFESSORS

- Scott A. Bowdridge - Ph.D. (Virginia Tech)
Food animal production, parasite immunology
- Robert A. Dailey - Ph.D. (University of Wisconsin)
Reproductive physiology
- P. Brett Kenney - Ph.D. (Kansas State University)
Meat science
- Hillar Klandorf - Ph.D. (British Council for National Academic Awards)
Physiology
- Joseph S. Moritz - Ph.D. (Kansas State University)
Nutrition and feed manufacture
- Robert L. Taylor, Jr. - Ph.D. (Mississippi State University)
Genetics
- Matthew E. Wilson - Ph.D. (Iowa State University)
Reproductive physiology
- Jianbo Yao - Ph.D. (McGill University)
Functional genomics

ASSOCIATE PROFESSORS

- Kimberly M. Barnes - Ph.D. (University of Nebraska)
Lipid metabolism
- Eugene E. Felton - Ph.D. (University of Missouri)
Animal science and ruminant nutrition
- K. Marie Krause - Ph.D. (University of Wisconsin-Madison)
Ruminant nutrition
- Kevin Shaffer - Ph.D. (West Virginia University)
Livestock production

ASSISTANT PROFESSOR

- Ibukun Ogunade - Ph.D. (University of Florida)
Livestock production

TEACHING PROFESSORS

- Margaret A. Minch - D.V.M. (Ohio State University)
Veterinary medicine
- Crystal E. Smith - Ed.D. (West Virginia University)
Equine management

TEACHING ASSISTANT PROFESSOR

- Cassandra Lamb - Ph.D. (Cornell University)
Biochemistry

SERVICE ASSISTANT PROFESSOR

- Madonna Higgins - D.V.M. (Auburn University)
Veterinary medicine

VISITING INSTRUCTOR

- Lindsay Livengood - Director of Operations (West Virginia University)
Hearts of Gold Service Dogs

Admissions for 2025-2026

- First-Time Freshman are admitted directly into the Animal and Nutritional Science major.
- Students transferring from another major within WVU are directly admitted to the Animal and Nutritional Science major if they are in good academic standing (2.0 or higher GPA).
- Students transferring from another institution are directly admitted to the Animal and Nutritional Science major if they are in good academic standing (2.0 or higher GPA).

Major Code: 1703 B.S., 1711 B.S.Agr.