The beef industry serves a unique and vital role in Indiana agriculture through the many types of cow-calf and feedlot, commercial and purebred producers involved. The beef industry not only needs qualified graduates for production, but also for meat quality assurance, sales, nutritional consulting, processing, and pharmaceutical needs. There is a need for well educated and experienced graduates working in areas such as production managers, agribusiness representatives, veterinarians, genetic improvement companies, beef procurement/buyers, processing technicians, and breed association staff.

Two of the primary objectives of the Department of Animal Sciences at Purdue University are to educate individuals to anticipate and effectively respond to challenges wherever animals and humans interact, and to advance efficient animal production through research, extension, and teaching. Through the education and opportunities that Purdue offers, Animal Sciences graduates are prepared for a career in the beef cattle industry.

Activities

**BLOCK AND BRIDLE** — The Block and Bridle Club is the largest Animal Sciences option club on campus. The club represents cattle, horse, sheep, and swine interests. The club sponsors many activities throughout the year: Invitational Livestock Judging Contest, Purdue Royal, Tot’s Day, and Ham Sale. www.blocknbridle.com

Advisor: Matt Claey’s (mclaey@purdue.edu)

**LIVESTOCK JUDGING TEAM** — The livestock judging team successfully participates in many contests throughout the year including the following: the Mid-Continent, the Premier Stockman, the All-East, the American Royal, the North American, the Dixie National, the National Barrow Show, and the National Western. Team members include students that began their collegiate experience at Purdue and those who transferred from junior colleges throughout the country.

Advisor: Matt Claey’s (mclaey@purdue.edu)

**ANIMAL SCIENCES AMBASSADORS** — Animal Sciences Ambassadors serve a vital role to the department as a liaison between the faculty and students as well as promote the department across the state of Indiana. Applications and selections for this group are made in the spring semester for work the following fall.

Advisor: Matt Claey’s (mclaey@purdue.edu)

**BEEF RELATED COURSES:**

- Introduction to Animal Agriculture
- Functional Anatomy & Performance
- Applied Animal Management
- Beef Management
- Principles of Animal Nutrition
- Applied Animal Nutrition
- Physiology of Reproduction
- Physiology of Reproduction Lab.
- Animal Growth, Development, & Evaluation
- Meat Science
- Selection & Evaluation of Livestock
- Applied Reproductive Physiology
- Computer Applications
- Facilities Planning & Management
- Sales and Marketing
- Accounting for Farm Business Planning
- Building Structure Design
- Livestock Judging Team
- Environmental Systems Management
- Farm Economic Organization
- Marketing Farm Products
- Agriculture Prices
- Futures & Options Market Applications
- Livestock & Meat Marketing
- Vertical Agriculture Coordination
- Agriculture & Food Business Strategy
- Crop Production Systems
- Farm Management
- Forage Management
Employment Opportunities

The four year average starting salary of BS graduates is $43,500 with a 90% placement rate. Starting salary is only one of many ways you benefit from a degree from Purdue’s College of Agriculture. While at Purdue many students gain valuable hands-on experience in extracurricular activities and make themselves marketable to the beef industry by seeking valuable summer internships and work experiences. Many students earn valuable income and hands-on experience working at the Beef Center at the Animal Sciences Research and Education Center (ASREC), in the Department of Animal Sciences Meats Lab, for Beef IRM or IQ+ Beef, and 5 State Beef Initiative Programs, or in department laboratories and offices. Faculty and staff work hard to assist students in locating industry internships. Students are not only marketable to the beef industry, but the broad background in Animal Sciences also allows them to be flexible in seeking employment in other animal-related industries. Students can earn credit or income by assisting with classes or conducting undergraduate research projects in beef nutrition, management, behavior, genetic selection, or

Animal Biology Specializations

Animal Agribusiness  Pre-Veterinary Medicine
Animal Production  Biotechnology
Animal Products  Behavior/Well-Being
Animal Biosciences

Beef Staff

Dr. Matt Claeys: 765-494-4834  Dr. Mike Schutz: 765-494-9478
Dr. Ron Lemenager: 765-494-4817  Dr. Terry Stewart 765-494-0138

For more information about enrolling in Animal Sciences contact:

Dr. John Patterson at 765-494-4826
jpatters@purdue.edu

Animal Sciences at 1-800-213-2672
Fax 765-494-9346
www.ansc.purdue.edu

Visit Purdue’s Web site http://www.purdue.edu

You can set up a departmental visit by contacting the Outreach Office at 765-494-8007 or ansc4you@purdue.edu

Beef Website
http://www.ansc.purdue.edu/beef

Department of Animal Sciences Vision Statement

The Department of Animal Sciences at Purdue University is the place to go for high-quality employees, animal management and care information, and cutting-edge research results to improve and serve the animal industry.