## ANSC Student Learning Outcomes

1. Know and understand the basic principles of applied animal biology.
2. Understand the fundamental tenets of animal science disciplines including genetics, growth and development, meat science and muscle biology, comparative nutrition, feeds and feeding, anatomy, animal health and welfare, basic and environmental physiology, endocrinology and the interactions of animals and humans, and the role and impact of animal agriculture and applied animal biology on the planet.
3. Apply this knowledge to the basic understanding and application of appropriate husbandry best practices to animals of economic value.
4. Read and be able to analyze scientific or technical papers critically.
5. Communicate clearly both orally and in writing.
7. Understand the importance of practicing good citizenship in both personal and professional habits.
8. Understand the scientific method and use of experiments to test hypotheses and as such experience the process of discovery.
9. Explore the relationship between applied animal biology and society, including contemporary ethical issues raised by animal research, the interactions of animals and humans, and the role and impact of animal agriculture and applied animal biology on the planet.
10. Recognize and use appropriate technologies, such as computer applications and laboratory methodologies.

### IN = Introduce
### RE = Reinforce
### MA = Master