



ANS 240: Animal Nutrition and Feeding

This course covers the fundamentals of animal feeding and nutrition. Topics include nutrient requirements and their functions, digestive tracts, diet formulation, and classification. Upon completion, students will be able to demonstrate a knowledge of appropriate feeding guidelines for a variety of animals contingent upon stage of development and disease condition. Prerequisite(s): MTH 119, MTH 125 or MTH 131 with a grade of C or better. (For Career Pathway, take MTH 125; for Transfer Pathway, take MTH 119 or MTH 131). Three lecture and two laboratory hours per week.

Course Student Learning Outcomes

1. Understand the classifications of nutrients, their functions, and general feed sources. 2. Apply species specific anatomy to understanding of nutrition, digestion, and feed requirements. 3. Understand the feed industry and process as it applies to the ability to provide wholesome rations for animals. 4. Integrate nutrient requirements and nutrient analysis of feed content to formulate appropriate animal diets. 5. Problem solve for nutrition deficiency and feed intake issues. 6. Present the nutritional information relevant to a specific species.

Credits: 4

Program: Animal Science