

# ANSC 433. ANIMAL NUTRITION AND METABOLISM.

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Credits: 3

Offered by: Animal Science (Faculty of Agric Environ Sci)

Terms offered: Winter 2026

[View offerings for Winter 2026 in Visual Schedule Builder.](#)

## Description

Introduction to fundamental aspects of animal nutrition, including gastrointestinal anatomy and physiology; nutrient digestion, absorption, and metabolism; nutrient functions and requirements of livestock species; evaluation of feedstuffs and their use in ration formulation; and feeding strategies. Laboratory classes will include hands-on experience on feed analyses, gastrointestinal tract dissections, nutritional experiments and demonstrations in livestock species as well as computer-based ration balancing exercises.

- Winter
- 3 lectures and one 1-hour lab
- Prerequisites: ANSC 234 or ANSC 250 or permission of the instructor

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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