

Energetics and Nutrition of Wildlife
FW 599

Credit hours: 3

Term offered: Fall, alternate years, 08, 10

Instructor: Daniel Roby

Course Objectives:

1. Provide an overview of the energy and nutrient requirements of wildlife
2. Identify energetic and nutritional constraints for mammals and birds, and adaptations to these constraints
3. Explore the adaptive significance of resource acquisition and allocation in wildlife
4. Describe the fundamental methods and techniques for research in wildlife nutrition and energetics
5. Relate nutrition and energetics to ecology, conservation, and management of wildlife

Prerequisites: An undergraduate degree in a related field or permission from the instructor; prior coursework in Ecology and in Animal Physiology.

Text: Robbins, C. T. 1993. Wildlife Feeding and Nutrition, 2nd ed. Academic Press, San Diego. 353 p

Term papers: A short synoptic paper on the topic of their presentation

Testing: Mid-term and a final

Students for whom the course is intended: Graduate students in F&W, particularly those seeking an advanced degree in Wildlife Science.