

Principles of Wildlife Diseases
FW427/527

Credit hours: 4

Term offered: Winter, Summer

Instructor: Mortenson

Course objectives:

1. Introduce basic concepts of disease transmission, etiology and clinical signs
2. Describe the more common diseases affecting North American wildlife
3. Develop techniques of basic necropsy review for collecting field samples
4. To understand the disease relationships between wildlife, livestock, and human populations

Course content: Brucellosis, tuberculosis, rabies, pasteurellosis, chronic wasting disease, meningeal worm, bluetongue/EHD complex, marine mammals, whirling disease, avian cholera/botulism, lead poisoning, West Nile virus, duck viral enteritis, necropsy, foreign animal diseases.

Prerequisite: Upper division standing

Text: None

Term paper: None

Testing: One mid-term and a final

Students for whom the course is intended: Students in biological sciences with an interest in diseases of wildlife