

Course: FW 465 - MANAGING HUMAN-WILDLIFE CONFLICTS

Credits: 3

Term: Fall

MANDATORY FIELD 3-DAY WEEKEND FIELD TRIP

Prerequisites: FW 260 or permission of instructor

Instructors: Breck/Stahl

Contact:

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Optional Texts:

Reidinger, R. F. and J. E. Miller. 2013. Wildlife Damage Management: Prevention, Problem Solving and Conflict Resolution. The John Hopkins University Press. 243pp.

Conover, M. R. 2001. Resolving Human-Wildlife Conflicts: The Science of Wildlife Damage Management. CRC Press. 418 pp.

Woodroffe, R. et al. 2005. People and Wildlife, Conflict or Co-existence? Cambridge University Press. 516 pp.

Additional Class Material: Additional class readings will be assigned each week

Course Objectives: This course is designed to introduce students to the growing field of human-wildlife conflicts. For example, what do we do as managers when a black bear breaks into a house and injures a person, geese cause a jet liner to crash, millions of dollars of sunflower seeds are eaten by red-winged black birds, or endangered tigers kill livestock? These and many other examples will form the basis of how to: 1) assess causes and magnitude of wildlife damage, 2) choose techniques and management strategies for reducing conflicts with wildlife in relation to wildlife behavior, wildlife population dynamics, economics, and public attitudes, 3) evaluate how research can be used to solve conflicts with wildlife, and 4) solve conflicts with wildlife. Lectures, and especially field trips, will be used to observe/study techniques and management strategies involved in managing wildlife conflicts.

Instructional Methodology: The class is a combination of lecture (2 hours/week) and labs (2-3 hours per week). Lectures will focus on some important concepts to be considered and students will be exposed to many professionals that deal with human-wildlife conflicts in their careers. A mandatory 3-day field trip from Sept 15-Sept 17 will visit multiple areas throughout Colorado to allow students to experience systems (urban, rural, and agricultural) with conflict, interact with people impacted by conflict, and interact with managers responsible for resolving conflict.

Mode of Delivery: Classroom instruction and field labs involving interaction or demonstration of issues and methods involved in human-wildlife conflicts.

Methods of Evaluation: Students will be evaluated based on participation, written assignments/reports, and exams including a final exam.