

**Conservation Biology of Wildlife
FW 563**

Credit hours: 3

Term offered: Fall, alternate years, 07, 09

Instructor: Daniel Roby

Course objectives:

1. Provide an overview of the expanding field of Conservation Biology
2. Examine the theory behind the main tenants of Conservation Biology
3. Explore the concept of biodiversity from the genetic to the ecosystem level
4. Describe the fundamental methods and techniques of Conservation Biology research
5. Relate the science of Conservation Biology to the other components of Conservation Management (e.g., economics, philosophy, politics, sociology)

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

Text: Meffe, G. K., and C. R. Carroll. 1997. Conservation Biology, 2nd Edition. Sinauer Associates, Sunderland, MA. 600 pp.

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

Testing: One mid-term and a final exam

Students for whom the course is intended: The intended audience is graduate students in the Department of Fisheries and Wildlife, particularly those seeking an advanced degree in Wildlife Science. Also, students in biological sciences with an interest in wildlife ecology, conservation, and management.