

**Endangered Species, Society and Sustainability**  
**FW 350**

**Credit hours:** 3

**Term offered:** Spring Term

**Instructor:** Dr. Jeff Snyder

**Course objectives:**

1. Understand threats to biological diversity, and the characteristics (both biological and ecological) of species that place them at risk of extinction.
2. Understand both the history and role of the Endangered Species Act (ESA) in conservation of biological diversity.
3. Become knowledgeable of primary sections of the ESA and how species are listed and de-listed within the recovery planning process.
4. Demonstrate an ability to synthesize complex social, economic and political forces that must be considered and recognized in conserving endangered species and their ecosystems.

**Course content:** Endangered Species, Society and Sustainability (FW 350) is a course designed to explore and discuss the concepts, theories, and ideas related to the conservation and management of threatened and endangered fish & wildlife populations, and their habitats, within the context of today's society.

**Prerequisite(s):** FW 251 – Principles of Fish and Wildlife Conservation

**Text(s):**

1. Czech, Brian, P. R. Krausman, and the Center for American Places Staff. 2001. *The Endangered Species Act: History, Conservation Biology, and the Public Policy*. John Hopkins University Press.
2. Media reports (newspaper or magazine articles) regarding endangered species, societal and sustainability issues.
3. Scientific literature that emphasizes the biological, ecological and management aspects of endangered species.

**Term paper(s):** None.

**Testing:** Two short (2-4 page) papers, quizzes, mid-term and final examination

**Students for whom the course is intended:** Undergraduate students with a junior or senior-level standing. As an introductory junior-level course, previous course work in life sciences (FW 251 or equivalent), economics, and geology, math, and U. S. history will be helpful. An understanding of endangered species ecology will be emphasized, but students also need an intuitive understanding of the economic, cultural and political pressures associated with endangered species conservation.