

**Forest Management and Wildlife Conservation**  
**FW 453**

**Credit hours:** 3

**Term offered:** Spring

**Instructor:** Staff

**Course objectives:** To provide students with a fundamental understanding of the ecology and conservation of wildlife in managed forests, the influences of forest management on wildlife, and strategies for management of forests to achieve conservation objectives.

**Course content:** Ecology of forest-dwelling wildlife of the Pacific Northwest, fundamentals of habitat ecology and spatial scale, application of principles of population biology and conservation biology to conservation and management of wildlife in forests, landscape and regional approaches to forest planning for biodiversity, and wildlife response to stand development, stand structure, riparian area management and even- and uneven-age management.

**Prerequisites:** FOR 240 or FOR 341 or BI 370 or an equivalent course in ecology. This course is cross-listed as FS 453.

**Text:** Hunter, M. L., Jr. 1999. *Maintaining Biodiversity in Forest Ecosystems*. Cambridge University Press, Cambridge, UK. 698pp.

**Term papers:** One term paper, not to exceed 5 pages in length.

**Testing:** Two mid-terms and a final.

**Students for whom the course is intended:** Students in fisheries and wildlife, natural resources, forestry, and related fields with an interest in developing a greater understanding of the influences of forest management on wildlife, approaches to forest management for wildlife, theoretical foundation of current management approaches, and the ecology of forest-dwelling wildlife species.