

Course Title: Principles of Wildlife Management

Course Code: WL-703

Course Credit Hours: 3(3-0)

Course Incharge: Mr. Muhammad Safeer

History and basic concepts in management of wildlife resources i.e. Ecology, Population Dynamics, Biology, Conservation. Wildlife Ecology (Habitat factors & analysis, Ecological Succession and Wildlife, Weather, Climate and Wildlife). Population Dynamics (population analysis and manipulation, carrying capacity, perennial patterns of abundance). Wildlife Biology (wildlife and soils, food, nutrition and water requirements, cover requirements, movements, reproduction, behavior and physiology, mortality). Wildlife Conservation (resource conservation and quality of life, values). Wildlife Management (data bases requirements, applications of ecological principles, art of wildlife management, administration, public awareness). Wildlife Damage Management (brief introduction of pest species and their impact).

Books Recommended:

1. Bailey, J.A. 1984. Principals of Wildlife Management. John Wiley London.
2. Gilbert, F. F. and D. G. Dodds. 1987. The Philosophy and Practice of Wildlife Management. Robert E. Kreiger, Publishing Company, Malabar, Florida.
3. Giles, Jr. R. H. 1978. Wildlife Management. W. H. Freeman and Company, San Fransisco.
4. Peine, John D. 1999. Ecosystem Management for Sustainability: Principles and Practices. CRC Press.
5. Scott et al. 1995. Conservation of Biological Diversity; Perspectives and the Future for Wildlife Profession. Wildlife Society Bulletin 23(4): 645-657.

Tiwaei, P.C. and Bhagwati, J. 1997. Wildlife in the Himalayan Foothills: Conservation and Management. 376 pp.