

University of Kurdistan

Faculty of Natural Resources

Department of Environmental Sciences

Master of Science (MSc.) Degree in: Environmental Science and Engineering

Course Title: Migratory Species Management	Course Row: 36	Credit Number: 2 Hours: 32	Course Type: Elective / Optional Professional	Theoretical	Prerequisite Courses: None
	Practical Supplementary Training: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Scientific Trip: <input type="checkbox"/> Workshop: <input type="checkbox"/> Laboratory: <input type="checkbox"/> Seminar Presentation: <input type="checkbox"/>				
Course Objectives:	Understanding migratory species concept, study and research methods, monitoring and protection of migratory animals.				
Syllabus	Theoretical	Introduction and concepts of migratory species, types of migratory species and migration, observing, banding and marking migratory animals (birds, mammals, aquatic species), applying isotopic methods, radio telemetry, radar monitoring and other suitable techniques to tracking migratory animal movements, reasons animals migrate, climate change and migration, animal navigation and orientation, migratory adaptations, protection of migratory animals, study of wildlife migratory routes and corridors, migration modeling and mapping, migratory behavior, migratory routes, location and timing (when to move), Convention on the Conservation of Migratory Species of Wild Animals (CMS), literature review and case studies, seminar representing by students.			
Evaluation (Scoring Method):		Continuous Evaluation:-	Midterm Exam:-	Final Exam: 70	Project/ Practical Activity: 30
References:	<ul style="list-style-type: none"> - Johnson, S. Vagg, R. 2010. Survival: Saving Endangered Migratory Species, Interlink Pub Group. - https://www.unep-wcmc.org/ 				