

Code	T	S	0	1	1	6	2	ECTS credit points: 4							
FACULTY OF MANAGEMENT															
Title of course: Propaedeutics of ecology															
Field of studies: tourism and recreation								Level: 1-st, bachelor's study							
Prerequisites:															
Methods of presentation: lecture, discussion, case-studies								Assessment: examination							
Number of hours in semester		Lectures – 15			Exercises – 15			Labs – 0		Projects – 0		Sup. labs – 0		Seminars – 0	
Objectives: shaping high level ecological awareness of students; the student will possess the ability of proper scientific interpretation and analysis of dependences between organisms an their biotope															
Syllabus: Lectures: Basic ecological terms. Structure and functions of ecosystem. Population Ecology. Behavioral ecology - analysis of altruistic behavior of selected species. Interspecies interasctions analysis. Biomes. Global ecological threats. The dependence between biodiversity, ecosystem homeostasis and tourism. Exercises: The dispersion of specimens analysis. Population dynamics analysis. Predator-prey model analysis. Simulation of natural selection. Ecological awareness analysis. The influence of tourism on natural, cultural and social environment.															
References: Krebs Ch.: Ekologia Eksperymentalna analiza rozmieszczenia i liczebności. Wydanie trzecie. Wydawnictwo Naukowe PWN, Warszawa, 2001. Mackenzie A. i in.: Ekologia. Krótkie wykłady. Wydanie drugie zmienione. Wydawnictwo Naukowe PWN, Warszawa, 2005.															
Optional textbooks and supporting materials: Strzałko J., Mossor-Pietraszewska T.: Kompendium wiedzy z ekologii, Wydawnictwo Naukowe PWN, Warszawa, 2006. Wearing S.: Ecotourism: impacts, potentials, and possibilities. Elsevier, Amsterdam, 2009.															
Supervisory department: Department of Organization and Management								Teaching Staff: Krzysztof Stepaniuk							
Date: 30.09.2013								Prepared by: Krzysztof Stepaniuk							