

CODE: ECO 1.4	COURSE TITLE: FRESHWATER PROTECTION			ECTS: 3
COORDINATOR: Ryszard Staniszewski		DEPARTMENT: Dept. of Ecology and Environmental Protection		
COURSE CATEGORY				
Open				
VOLUME:30 H			PERSONAL WORK: 20 (H)	
LECTURES: 10 H	PRACTICALS FIELD (10 H)	PLACEMENT: (H)	PROJECT: 10 H	OTHER MODALITIES: (H)
EVALUATION:		OTHER MODALITIES:		LECTURER(S)
EVALUATION MODALITIES				Ryszard Staniszewski Krzysztof Szoszkiewicz
ORAL INDIVIDUAL REPORT				
WRITTEN INDIVIDUAL REPORT	X			
FINAL ORAL EXAM				
FINAL WRITTEN EXAM				
COMMENTS OF EVALUATION:		TEACHING METHODS: Lectures, field training, project		
SEMESTER: SUMMER/WINTER		LANGUAGE: ENGLISH		
PERIOD: 15 WEEKS		YEAR OF STUDY: OPEN		
OBJECTIVES				
Description of main sources of freshwater pollution. Presentation of field examples of water protection in rural areas. Comparison of water quality assessment systems.				
CONTENTS				
Functioning of different aquatic ecosystems. Sources of water pollution. Water contamination. Water quality assessment – different older and actual system. General principles of freshwater protection. Pollution indicators. Particular problems of shallow lakes. Autopurification of rivers. Wastewater treatment and water conservation n rural areas.				
GROUP SIZE: 10		PRE-REQUIRES: Basics of aquatic ecosystems		