

Level: Master				
Course title: Recultivation and remediation of ecosystems				
Status: obligatory				
ECTS: 7				
Requirements: none				
Learning objectives Students will be introduced to problems and processes of soil, water revitalization as well as with other significant ecosystem components that are threatened and degraded.				
Learning outcomes After successfully completing the course the students will be able to: Identify different forms of degradation; Identify the factors and processes that lead to degradation; Understanding the importance process in protecting the environment.				
Syllabus <i>Theoretical instruction</i> Biodegradation of organic components, degradation capacity of ecosystems, remediation processes, bioremediation technologies, pollution of natural environment by hazardous organic and inorganic waste. The focus will be on decontamination techniques and recultivation and remediation programs. <i>Practical instruction</i> Field investigations, case studies in the world and in the country.				
Weekly teaching load				Other:
Lectures: 3	Exercises: 2	Other forms of teaching:	Student research:	