

<b>Level:</b> Master				
<b>Course title:</b> HAZARDOUS WASTE				
<b>Status:</b> elective				
<b>ECTS:</b> 6				
<b>Requirements:</b> none				
<b>Learning objectives</b> Expanding students' knowledge about the characterization, categorization and treatment of hazardous waste by different techniques in order to reduce its harmful environmental impact.				
<b>Learning outcomes</b> Students should be able to demonstrate knowledge and understanding of basic facts and principles of hazardous waste that is generated from various sources; practically apply their theoretical knowledge to environmental risk assessment.				
<b>Syllabus</b> <i>Theoretical instruction</i> Studying the characteristics of hazardous waste and its impact on safety, health and the environment. Chemistry of inorganic and organic hazardous wastes and persistent organic components of waste. The study of methods for handling and treatment. Recycling of hazardous waste. Landfills for hazardous waste and their control. The study of the basic characteristics of hazardous waste from various industries. Introduction to the legislation and regulations.  <i>Practical instruction</i> Practical instruction follows the theoretical instruction.				
<b>Weekly teaching load</b>				Other:
Lectures: 2 (30)	Exercises: 1(15)	Other forms of teaching: 1 (15)	Student research:	