



Course ID: HODRH25	Course name: SELECTED CHAPTERS OF ENVIRONMENTAL PROTECTION		
Cycle: III (THIRD)	Year: I (FIRST)	Semester: II (SECOND)	ECTS credits: 10
Course status: ELECTIVE		Total course hours: 60 Lectures: 30 Laboratory: 30	
Teaching participants:	Teachers and associates with expertise in the field to which the subject belongs.		
Prerequisite for enrollment:	-		
Course aims:	Training and acquiring knowledge for independent assessment of the problem of environmental pollution as well as finding appropriate methods of protection.		
Thematic course units:	<ul style="list-style-type: none">- Sources of environmental pollution.- Natural and artificial environmental pollutants.- Pollution of air, water and land.-Technologies and technical systems for the treatment of polluted air, water and land.-Monitoring.-Remedial technologies.		
Learning outcomes:	Students will be able to: <ul style="list-style-type: none">- Apply knowledge, basic principles and elements of the management system- Evaluate dynamic characteristics in the complex time-frequency domain- Master the practical aspects of technological process management		
Teaching methodology:	<ol style="list-style-type: none">1) Method of verbal exposure2) Discussion method3) Research method		

Assessment methods and grading system:	Grading criteria		
	Criteria	Maximal score	Required score
	1. Class attendance	5	3
	2. Class activities	15	8
	3. Midterms	40	22
	4. Final exam	40	22
	Total	100	55
	Scores and grading		
	Score	Grade (B&H)	Grade (ECTS)
	< 55	5	F, FX
	55-64	6	E
	65-74	7	D
	75-84	8	C
	85-94	9	B
95-100	10	A	
Literature:	<p>1. Lichtfouse Eric, Schwarcbauer Jan, Robert Didier, Environmental Chemistry: Green Chemistry and Pollutants in Ecosystems, Berlin, New York Springer Science&Busines Media, 2005.</p> <p>2. Theodore L.:Air Polution Control Equipment Calculations, A John Wiley & Sons, Inc., Publication, New jersey, 2008.</p> <p>3. Hellman, D.-H.&Riegler, G. 2010, "Maschinentechnik in der Abwasserreinigung", WILEY-VCH.</p> <p>4. Mackenzie,L.D. 2010, "Water and Wastewater Engineering Design Principe and Practice", The McGraw-Hill Companies.</p> <p>5. Use of literature from available databases (Scopus, Sciencedirect, Web of Science, etc.)</p>		