

Basic course data	
Academic unit:	Faculty of Engineering and Informatics
Title of the subject:	Environmental Management and Preservation of the Environment
Level of studies:	Master
Course Status:	Elective
Year of studies:	II
Number of hours per week:	3
Value of Credits - ECTS:	6
Time / location:	
Course lecturer:	Asoc. Prof. Dr. Milihate Aliu
Contact details:	milihate.aliu@ushaf.net
Course description:	
	<i>This course will focus on the environmental science, with particular emphasis on the environmental management practice and specific issues of importance, from small scale, local issues to larger, national and international. These will include water quality management, managing industrial and natural environments and environmental assessments.</i>
Objectives of the subject:	
	<p><i>The objectives of this course are:</i></p> <ul style="list-style-type: none"> • <i>To provide a wide understanding of knowledge resources relevant to environment protection and conservation.</i> • <i>To provide an in-depth study of certain environment related areas.</i> • <i>To place environmental concerns in a technological, social, political and economic context.</i> • <i>To provide a context for understanding the role of individual values in conservation.</i> • <i>To encourage student initiative and resourcefulness in action leading to environmental protection and conservation.</i> • <i>To present environmental concerns in a challenging way and thereby encourage students to consider careers in the environmental field.</i>
Expected learning outcomes:	
	<p><i>Upon successful completion of this subject, student will be able to:</i></p> <ul style="list-style-type: none"> • <i>Understand the importance of conserving and monitoring natural resources</i>

	<ul style="list-style-type: none"> • <i>To identify pollution in the environment</i> • <i>Understand how legislation, regulation and agreements impact on managing natural and built environments</i> • <i>Understand environmental management assessments</i> • <i>Identify purpose of environmental management study</i> • <i>To carry out and report outcomes of an environmental management study</i> 		
Contribution to student workload which should correspond to student learning outcomes			
Activity	Hours	Day/week	Overall
Lectures	3	15	45
Theoretical exercises / Labs	-	-	-
Practical work	-	-	-
Consultations with the teacher	2	5	10
On site training	-	-	-
Seminars	2	10	20
Homework	-	-	-
Student self study time (in library or at home)	4	15	60
Preparing for the final exam	1	15	15
Time spent in assessment (tests, quizzes, final exam)	-	-	-
Projects, presentations, etc.	-	-	-
Total			150
Teaching Methodology:	<i>Lectures combined with Seminars and classroom discussions.</i>		
Assessment and grading:	<i>Seminars 30% Final exam 70 %</i>		
Concretisation means	<i>Projector, computer, white board etc.</i>		
Ratio between theory and practise	<i>70% Theory (lectures) 30% Seminar work and participation in field trips</i>		
Required or recommended literature resources:			
Required literature:	<ol style="list-style-type: none"> 1. Prof. Asoc. Dr. Milihate Aliu, (2018) "Ndotja e ambientit", Dispencë, Ferizaj. 2. Rozhaja D., (1982): Ndotja dhe Mbrojtja e Ambientit Jetësorë" Universiteti i Prishtinës, Prishtinë. 		

Recommended literature:	<ol style="list-style-type: none"> 3. Park, C. (2001) <i>The Environment: Principles and Applications</i>. 2nd edition. London, Routledge. 4. Barrow, C.J. (2005) <i>Environmental Management and Development</i>. London, Routledge. 5. Ridgway, B., M. McCabe, J. Bailey, R. Saunders, B. Sadler, (1996). <i>Environmental Impact Assessment</i>. 6. Hunt, D and Johnson, C (1995) <i>Environmental Management Systems: Principles and Practice</i>, McGraw-Hill.
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Course details:	
Week	Lectures
Week 1:	<i>Introduction to Environmental Science</i>
Week 2:	<i>Environmental Management Systems (EMS)</i>
Week 3:	<i>Environmental management standards, ISO 14000 series</i>
Week 4:	<i>Environmental management assessment techniques</i>
Week 5:	<i>Design and Planning for Environmental Conservation and Protection</i>
Week 6:	<i>Human environment interactions: quantity of life vs. quality of environment, environmental issues and problems</i>
Week 7:	<i>Industrial Processes: Material selection, Pollution Prevention, Industrial Ecology, Industrial symbiosis.</i>
Week 8:	<i>Solid waste - sources, impacts of solid waste, Zero waste concepts 3R concept.</i>
Week 9:	<i>Global environmental issues- Resource degradation</i>
Week 10:	<i>Climate change, Global warming, Ozone layer depletion</i>
Week 11:	<i>Sustainability and renewable energy</i>
Week 12:	<i>Conservation of biodiversity</i>
Week 13:	<i>National and EU legislative frameworks for environment protection and conservation</i>
Week 14:	<i>Seminar</i> <i>Students must present at least one seminar.</i>
Week 15:	<i>Prepare for exam</i>

Academic policies and rules of conduct:
<p><i>Set the code of conduct according to the statute of UASF.</i></p> <ul style="list-style-type: none"> • First of all, the student should be mindful and respectful towards the institution and the academic rules • Students are expected to attend all classes and to prepare for and participate in class discussions. • It is mandatory to have and show the ID on the exam and during the factory visits

- When preparing seminar papers, the student must follow the instructions given by the teacher for the research and technical execution of the paper.