



Faculty of ENVIRONMENTAL ENGINEERING AND FOOD SCIENCE
 Domain: Environmental Engineering
 Study program: Systems of Control and Evaluation of Environmental Quality
 Duration of studies: 2 years
 Education form: continuous (M.Sc.)
 Code: FMA-MIM



MASTER Programme Syllabus - Systems of Control and Evaluation of Environmental Quality First year (2016 – 2017)

Semester 1

Code	Discipline	No. of hours				Evaluation form E/C/P*
		Course	Seminary	Applications	Project	
MIM1BS01	<i>Bioremediation</i>	2	-	1	-	E
MIM1BS02	<i>Global Climate Changes and the Impact on the Ecosystems</i>	2	1	-	-	C
MIM1BA03	<i>Air Pollution Control and Prevention</i>	2	1	-	-	E
MIM1BA04	<i>Biodiversity of Anthropic Ecosystems</i>	1	-	2	-	C
MIM1OBA05	<i>Biological Methods for Evaluating the State of Environment</i>	1	-	1	-	E



Semester 2

Code	Discipline	No. of hours				Evaluation form E/C/P*
		Course	Seminary	Applications	Project	
MIM1BS07	<i>Advanced Systems for Environmental Monitoring</i>	1	-	2	-	E
MIM1BS08	<i>Advanced Treating and Recycling Techniques and Methods of Wastes</i>	2	-	1	-	E
MIM1BA09	<i>Transport and Dispersion of Pollutants</i>	2	1	-	-	E
MIM1BA10	<i>Sustainable Management of Agro-ecosystems</i>	2	-	-	1	C
MIM10OA11	<i>Ecophysiology</i>	1	-	1	-	C



MASTER Programme Syllabus

Second year (2016 – 2017)

Semester 1

Code	Discipline	No. of hours				Evaluation form E/C/P*
		Course	Seminary	Applications	Project	
MIM2BA01	<i>Automatic Control of Wastewater Treatment Processes</i>	2	-	1	-	E
MIM2BS02	<i>Advanced Technologies for Decontamination of Polluted Territories</i>	2	1	-	-	C
MIM2BS03	<i>Methodology of Scientific Research</i>	2	1	-	-	C
MIM2BS04	<i>Integrated Management Systems (Quality-Environment)</i>	2	-	1	-	E
MIM2OS05	<i>Sustainable Management of Forest Ecosystems</i>	2	-	1	-	E



Semester 2

Code	Discipline	No. of hours				Evaluation form E/C/P*
		Course	Seminary	Applications	Project	
MIM2BS07	<i>Theoretical and Experimental Scientific Research</i>	10 weeks x 15 hours/week = 150 hours				E
MIM02BD05	<i>Preparation of Dissertation Thesis</i>	4 weeks x 15 hours/week = 60 hours				C

* E – exam; C – colloquy; P – project.