

**MINISTRY OF EDUCATION OF AZERBAIJAN REPUBLIC**  
**AZERBAIJAN UNIVERSITY OF ARCHITECTURE AND CONSTRUCTION**

**APPROVED BY:**

**RECTOR: \_\_\_\_\_G. H. MAMMADOVA**

**«\_\_\_\_» \_\_\_\_\_2012**

**CURRICULUM FOR MAGISTRACY LEVEL**

**SPECIALITY: 060649 – ECOLOGICAL ENGINEERING**

**SPECIALIZATION: PROCESSING TECHNOLOGY OF SOLID WASTE**

**(Note: translation from Azeri language, I see that we have to change the above existence title with Waste Management or different title as well)**

**Academic degree: Master**  
**Education period: 2 year (internal)**

### PLAN OF EDUCATION PROCESS

Index of subject sections and subjects	Title of subject sections and subjects	Auditorium hours						Individual work	Before studied subjects	Credits	Division into courses and semesters			
		Overall hours	Total	Lectures	Laboratory	Workshop	Report				I year		II year	
											I semester	II semester.	III semester	IV semester
EDUCATIONAL PART														
MHF-B00	HUMANITARIAN SUBJECTS	420	105	60		45		315		14				
MHF-B01	Foreign languages	180	45			45		135		6	3			
MHF-B02	Academic pedagogy	120	30	30				90		4			2	
MHF-B03	Psychology	60	15	15				45		2			1	
MHF-B04	SELECTIVE SUBJECTS													
	Block I: 1) Applied mathematics 2) Employment law	60	15	15				45		2		1		
MiF-B00	SPECIALITY SUBJECTS	2280	570	390	15	165		1710		52				
MiF -B01	Modern problems of Ecological science	120	30	30				90		4	2			
MiF -B02	History and methodology of Ecological science	60	15	15				45		2	1			
MiF -B03	Computer programming	120	30	15	15			90		4		2		
MiF-B05	Subjects, separated for specialization:	1260	315	225		90		945		42				
MiF- B05A	Waste prevention		75	45		30		150		10	5			
MiF- B05B	Module, Introduction to environmental planning	240	60	45		15		120		8		4		

<b>MİF- B05C</b>	Resource economics	240	60	45		15		120		8		4		
<b>MİF- B05D</b>	Waste processing system	240	60	45		15	referat	120		8	4			
<b>MİF- B05E</b>	Wastewater management	240	60	45		15		120		8		4		
<b>MİF -B04</b>	<b>SELECTIVE SUBJECTS</b>	<b>720</b>	<b>180</b>	<b>105</b>		<b>75</b>		<b>540</b>		<b>24</b>				
	<b>Block I:</b> 1) Integrated waste management 2) Industrial waste management	240	60	30		30		180		8			4	
	<b>Block II:</b> 1) Organizations dealing with waste management 2) Household waste management	240	60	45		15		180		8			4	
	<b>Block III:</b> 1) Land reclamation, waste residue disposal 2) Agricultural waste management	240	60	30		30		180		8			4	
<b>Quantity of education hours and credits</b>		<b>2700</b>	<b>675</b>	<b>450</b>	<b>15</b>	<b>210</b>	<b>2</b>	<b>2025</b>		<b>90</b>	<b>15</b>	<b>15</b>	<b>15</b>	
<b>Quantity of examinations:</b>											<b>5</b>	<b>5</b>	<b>5</b>	

SCIENTIFIC-RESEARCH PART															
ETİ-B00	SCIENTIFIC-RESEARCH WORKS	900									30				
ETİ- B01	Scientific-research practice – 4 weeks	180									6				
ETİ – B02	Scientific-pedagogical practice – 4 weeks	180									6				
ETİ – B03	Preparation and defend of master’s thesis - 4 weeks	540									18				
Total quantity of hours and credits according to program of Master specialization preparation		3600									120				

Vice-rector for education of Azerbaijan University of Architecture & Construction \_\_\_\_\_ Associate prof. F.M. Jafarov

Dean of the water economics and engineering communication systems faculty  
\_\_\_\_\_ Z.S.Musayev

It was approved at the meeting of Academic Council of Azerbaijan University of Architecture & Construction on 11<sup>th</sup> July 2012 (protocol № 08)

