

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

APPROVED BY:
Rector _____ G.H. MAMMADOVA

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MASTER LEVEL
ACADEMIC PLAN
SPECIALITY : 060640 – GEODESY AND MAPPING ENGINEERING
SPECIALIZATION: APPLIED GEODESY

Academic degree: Master
Education period: 2years (full-time)

ACADEMIC PLAN

I. EDUCATION PROCESS SCHEDULE

Courses	September				29 IX	October			27 X	November				December				29 XII	January			26 I	February			23 I	March				30 III	April			27 IV	May				June				28 VI	July			27 VII	August			
	1	8	15	22		6	13	21		3	10	17	24	1	8	15	22		5	12	19		2	9	16		2	9	16	23		6	13	20		4	11	18	25	1	8	15	22		6	13	20		2	9	16	23
	7	14	21	28	5 X	12	19	26	2 XI	9	16	23	30	7	14	21	28	4 I	11	18	25	1 II	8	15	22	1 III	8	15	22	29	5 IV	12	19	26	3 V	10	17	24	31	7	14	21	28	5 VII	12	19	26	1 VIII	8	15	22	29
I																		••	••	••	••	••	=	=															••	••	••	••	••	=	=	=	=	=	=	=	=	
II	=	=																••	••	••	••	••	=	=	O	O	O	O	X	X	X	X	II	II	II	II	II	II	II	II	D	D	D	D	=	=	=	=				

Theoretical tuition

Examination session

Scientific and research practice

Scientific and pedagogical practice

Preparation of dissertation work

Defence of dissertation work

Holiday

II. Time budget (weeks)

Courses	Theoretical tuition	Examination session	Scientific and research practice	Scientific and pedagogical practice	Preparation of dissertation work	Defence of dissertation work	Holiday	Total
I	30	10	–	–	–	–	10	50
II	15	5	4	4	8	4	8	48
Total :	45	15	4	4	8	4	18	98

EDUCATION PROCESS PLAN

Subject sections and subject indices	Name of subject sections and subjects	Curricular hours						Independent work	Prerequisites	Credits	Courses and terms			
		Total hours	Total	Lectures	Laboratory works	Practical sessions (seminars)	Abstracts				I course		II course	
											I term	II term	III term	IV term
EDUCATION														
MHF-B00	HUMANITARIAN SUBJECTS	420	105	60		45		315		14	3	3	1	
MHF-B01	Foreign language	180	45			45		135		6	3			
MHF-B02	Higher school pedagogy	120	30	30				90		4		2		
MHF-B03	Psychology	60	15	15				45		2		1		
MHF-B04	Optional subjects	60	15	15				45		2				
	Unit I: 1) Ethics; 2) Esthetics; 3) Labor law	60	15	15				45		2			1	
MİF-B00	SPECIALITY(SPECIALIZATION) SUBJECTS	2280	570	420		150		1710		76				
MİF -B01	Modern problems of geodesy and mapping	120	30	30				90		4	2			
MİF -B02	History and methodology geodesy and mapping	60	15	15				45		2	1			
MİF -B03	Computer modeling	120	30	30				90		4	2			
MİF-B05	SUBJECTS FOR SPECIALIZATION	1260	315	210		105		945		42				
MİF- B05A	Statistical analysis of geodesic measurements	300	75	45		30		225		10	5			
MİF- B05B	Geodesic infrastructure for geographical Information Systems (GIS)	180	45	30		15		135		6	3			
MİF- B05C	Theoretical geodesy	300	75	45		30		225		10			5	
MİF- B05D	Special geodesic networks	300	75	45		30		225		10			5	
MİF- B05E	Applied photogrammetry	180	45	45				135		6			3	
MİF -B04A	OPTIONAL SUBJECTS	720	180	135		45		540		24		12		

	1) Geodesic works in transport construction	300	75	45		30	abst	225		10		5		
	2) Geodesic works in construction of unique structures	180	60	45		15	abst	135		4		4		
	3) Observation of structures deformation by geodesic means	240	45	45				180		4		3		

Quantity of academic hours		2700	675	480		195		2025		90	16	15	14			
										Quantity of exams:			6	5	4	
Research																
ETİ-B00	Scientific and research works	900								30						
ETİ- B01	Scientific and research, 4 weeks	180								6						
ETİ – B02	Scientific, 4 weeks	180								6						
ETİ – B03	Preparation and defense of master dissertation , 12 weeks	540								18						
Total hours and credits for Master’s degree preparation program		3600	675	480		195		2025		120	16	15	14			

**Vice-rector for educational affairs
of Azerbaijan Architecture and
Construction University**

_____dos.A.F.Gasimov

**Director of Master Center
_____R.Y.Samadov**

**Approved at the meeting of
Scientific Council of Azerbaijan
Architecture and Construction University
dated “__” _____ 20__
(protocol№__)**

