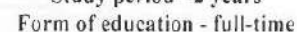


MINISTRY OF HIGHER AND SECONDARY SPECIALIZED EDUCATION OF THE REPUBLIC OF UZBEKISTAN



Sl. No.	Qualification code of course	Name of academic subjects (courses) and types of scientific activity	Total load size		Student workload by semesters and types of academic work (in hours)																					
					1st course										2nd course											
					1st semester 15 weeks					2nd semester 15 weeks					3rd semester 15 weeks					4th semester 15 weeks						
					Credit	Hour	%	Auditorium classes (in hours)				Independent education	Auditorium classes (in hours)				Independent education	Auditorium classes (in hours)				Independent education	Scientific activity	Independent education		
Lecture	Practical (seminar)	Laboratory	Course project (work)	Scientific activity				Lecture	Practical (seminar)	Laboratory	Course project (work)		Scientific activity	Lecture	Practical (seminar)	Laboratory		Course project (work)	Scientific activity							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
1.00		Compulsory courses	36	1080	60	100	260		2 cp		360	50	130				180									
1.0.1	AIT-51106	Research methodology in environmental sciences	6	180		20	70				90															
1.02	GAT-51106	Geoinformation systems	6	180		20	70		1 cp		90															
1.0.3	AMT-51108	Environmental Impact Assessment	6	180		30	60		1 cp		90															
1.04	GEK-61104	Hydro ecology	6	180		30	60				90															
1.05	EKE-52106	Ecological Chemistry and Ecotoxicology	6	180								30	60				90									
1.06	STA-52106	Basics of Statistics	6	180								20	70				90									
2.00		Elective courses	24	720	40												100	260		2cp		360				
		Elective course 1	6	180													20	70				90				
		Elective course 2	6	180													20	70		1cp		90				
		Elective course 3	6	180													30	60				90				
		Elective course 4	6	180													30	60		1cp		90				
		Total:	60	1800	50	100	260		2cp		360	50	130				180	100	260		2cp		360			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
3.00		Scientific activity	60	1800	50					72	108					216	324					72	108	360	540
3.01	IMD-51336	Research and master thesis	42	1260						72	108											72	108	360	540
3.02	ILM-52312	Research practice (internship)	6	180												72	108								
3.03	MAL-52312	Qualification practice	12	360												144	216								
		TOTAL:	120	3600	100	100	260		2 cp	72	468	50	130			216	504	100	260		2 cp	72	468	360	540

STATE ATTESTATION:

Master thesis defense

Note:

1. Based on this curriculum, the higher education institution develops a manual curriculum. In this case, the higher education institution is given the right to change the number of hours within 5% for blocks of subjects, and within 10% for subjects included in the block, while keeping the weekly workload unchanged.
2. Lecture hours should not exceed 50% of the audience time.
3. Up to the state certification in subjects (course), 6 hours of counseling are provided for each subject.
4. *The composition and content of elective subjects are formed on the basis of the author's courses and problem lectures of the leading specialists-scientists of the republic and abroad.
5. Practical training and laboratory work of the subjects related to the specialty included in the curriculum are held in higher education institutions and basic organizations and enterprises.
6. In order to ensure the integrity of theory and practice, scientific internships (internships) of graduate students are held in basic organizations and enterprises.
7. *GAT-51106* GAT is the abbreviation of the science; 5 - course number (5-6 master's degree); 1 - semesters (1 odd, 2 even semesters); 1 - block of subjects (1 - compulsory, 2 - optional subjects); 3 - scientific activity); 06 - the amount of credit allocated to science.

Vice rector for academic affairs

B. Khudayarov

Head of the Educational and Methodological Department

D. Khodjaev

Head of the Department of Ecology and Water Resources Management

A. Karimov

Head of EcoGIS Center

A. Pulatov

Head of the Human Resources Department of the State Committee of the Republic of Uzbekistan for Ecology and Environment Protection

D. Ashirova

Head of the Department of Personnel and Educational Institutions of the Ministry of Water Resources of the Republic of Uzbekistan

X. Lapasov



Approved and confirmed by the Scientific Council of TIAME
2021 on _____
_____ - report number