

19	IF-B1 3	Quality control and metrology	7	210	120	90	45	45			Spring-6	6
20	IF-B1 4	Measurement technologies	6	180	120	60	30	30			Spring-6	4
21	IF-B1 5	Industrial devices	6	180	105	75	45	30			Fall-7	5
22	IF-B1 6	Materials science	6	180	120	60	30	30			Fall-7	4
23	IF-B1 7	Microprocessors and microcontrollers	6	180	105	75	45	30			Spring-4	5
24	IF-B 1 8	Fundamentals of device technologies	5	150	90	60	30	30			Spring-2	4
25	IF-B 1 9	Automated device design systems	6	180	105	75	45	30			Fall-3	5
26	IF-B20	Physical foundations of information acquisition, modern sensors and transducers	6	180	105	75	45	30			Fall-3	5
27	IF-B21	Civil defense	3	90	60	30	15	15			Fall-1	2
	ATMF-BO0	Subjects determined by the higher education institution	60	1800	1155	645	360	275	10			43
28	ATMF-BO1	Block I: 1. Programming languages and computer science 2 Technical and object-oriented C programming language	5	150	105	45	30	15			Fall-3	3
29	ATMF-BO2	Block II: 1. Electromagnetism 2 Mechatronics systems	6	180	120	60	30	30			Fall-3	4
30	ATMF-BO3	Block III 1. Biomedical device, apparatus, system and complexes 2 Computerized Biomedical devices	6	180	120	60	30	30			Spring-4	4
31	ATMF-BO4	Block IV: 1. Laser and its Application 2 Laser Technology	5	150	90	60	30	30			Spring-4	4
32	ATMF-BO5	Block V: 1. Life Safety 2. Dynamics of machines and mechanisms	4	120	75	45	30	15			Fall-5	3
33	ATMF-BO6	Block VI: 1 Engineering mathematics 2. Differential equations	4	120	75	45	30	15			Fall-5	3
34	ATMF-BO7	Block VII: 1. Mathematical logic problems + 2 Discrete mathematics	4	120	75	45	30	15			Fall-5	3
35	ATMF-BO8	Block VIII: 1. Materials and Processes 2 Nanotechnologies	6	180	120	60	30	20	10		Spring-6	4
36	ATMF-BO9	Block IX: 1. Optical information systems 2.Engineering design systems	5	150	105	45	30	15			Spring-6	3
37	ATMF -B10	X block: 1.Computer design 2 Digital electronics	5	150	90	60	30	30			Fall-7	4
38	ATMF -B11	Block XI: 1.Intelligent systems 2 Modern production processes	5	150	90	60	30	30			Fall-7	4
39	ATMF -B12	Block XII: 1.Robotic complexes 2 Industrial robots	5	150	90	60	30	30			Fall-7	4
40	ATMF -B13	XIII block: 1. Planning and Design of Scientific Research 2. Research Methods and Ethics 3. Scientific Writing and Publication Processes	3	90	60	30	15	15			Fall-7	3
		Internship	21								Spring-8	
		SFC	9								Spring-8	
		TOTAL	243									

I. DURATION of TRAINING

Education year	Theoretical training	Exam	Internship	SFC	Holiday
I	30	10			10
II	30	10			12
III	30	10			12
IV	15	5	14	6	4
Total	105	35	14	6	38

	1 st semester	2 nd semester	3 rd semester	4 th semester	5 th semester	6 th semester	7 th semester	8 th semester
Weekly class load	22	23	22	23	23	22	23	
Examinations number	6	5	5	6	6	7	6	
Credits number	30	30	30	30	30	30	33	30

Director of the Center for Organization and Management of Education:

PhD, P. Akundov

« _____ » The year 2026

Scientific Council of WCU « _____ »

Approved at the meeting of _____ dated in the year 2026 (Protocol No. _____).