

17	IF-B1 1	Operating systems	8	240	150	90	45	45			fall-3	6
18	IF-B1 2	Computer networks	8	240	150	90	45	45			fall-5	6
19	IF-B1 3	Computer architecture	8	240	165	75	45	30			spring-2	5
20	IF-B1 4	Theory of circuits	7	210	120	90	45	45			fall-3	6
21	IF-B1 5	Basics of electronics	6	180	105	75	45	30			spring-6	5
22	IF-B1 6	Digital systems	7	210	135	75	45	30			spring-6	5
23	IF-B1 7	Computer systems security	8	240	150	90	45	45			spring-6	6
24	IF-B 1 8	Computer graphics	5	150	105	45	30	15			fall-5	3
25	IF-B 1 9	Computer modeling	7	210	120	90	45	45			fall-7	6
26	IF-B20	Civil defense	3	90	60	30	15	15			fall-1	2
	ATMF-BOO	Subjects determined by the higher education institution	60	1800	1170	630	375	240	15			42
28	ATMF -BO1	Block I: 1. Fundamentals of circuit engineering 2. Systematic analysis	4	120	75	45	30	15			spring-2	3
29	ATMF -BO2	Block II: 1. Computer diagnostics 2. Decision-making systems	4	120	75	45	30	15			fall-3	3
30	ATMF -BO3	Block III: 1. Programming technologies 2. Application software package	5	150	90	60	30	30			spring-4	4
31	ATMF -BO4	Block IV 1. Algorithmization and programming 2. Systems simulation	4	120	75	45	30	0	15		spring-4	3
32	ATMF -BO5	Block V 1. Ways to ensure cybersecurity 2. Communication channels	4	120	90	30	15	15			spring-4	2
33	ATMF -BO6	Block VI 1. Information communication systems 2. Human-computer interface (UI/UX)	4	120	75	45	30	15			fall-5	3
34	ATMF -BO7	Block VII 1. Mobile programming 2. Materials science	3	90	60	30	15	15			fall-5	2
35	ATMF -BO8	Block VIII: 1. Engineering mathematics 2. System analysis	3	90	60	30	15	15			fall-5	2
36	ATMF -BO9	Block IX: 1. Web programming 2. Computer systems design	4	120	75	45	30	15			spring-6	3
37	ATMF -B10	Block X: 1. Development of desktop applications 2. Laser and its uses	5	150	105	45	30	15			spring-6	3
38	ATMF -B11	Block XI: 1. Modern Web programming tools 2. Cryptography in computer systems algorithms	4	120	75	45	30	15			fall-7	3
39	ATMF -B12	Block XII: 1. Data analytics and Machine Learning 2. Object-oriented programming	6	180	120	60	30	30			fall-7	4
40	ATMF -B13	Block XIII: 1. Robotics 2. Electrical engineering	6	180	120	60	30	30			fall-7	4
41	ATMF -B14	Block XIV: 1. Internet technologies 2. Industrial production management	4	120	75	45	30	15			fall-7	3
42	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
43		Internship	30								spring-8	
		Total	243									

I. DURATION OF TRAINING

Education year	Theoretical training	Exam	Internship	Holiday
I	30	10		10
II	30	10		12
III	30	10		12
IV	15	5	20	4
Total	105	35	20	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	2 3	2 2	23	
Examinatio 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. Akhundov
«_____» _____ The year 2026

Scientific Council of WCU «_____»
Approved at the meeting of _____ dated in the year 2026
(Protocol No. _____).

