

23	IF-B17	Computer systems security	8	240	210	30	15	15			spring-4
24	IF-B18	Computer graphics	5	150	135	15	10	5			fall-9
25	IF-B19	Computer modeling	7	210	180	30	15	15			spring-8
26	IF-B20	Civil defense	3	210	200	10	5	5			fall-3
	ATMF-BOO	Subjects determined by the higher education institution	60	1800	1590	210	125	80	5		
27	ATMF-BO1	Block I: 1. Fundamentals of circuit engineering 2. Systematic analysis	4	120	105	15	10	5			fall -3
28	ATMF-BO2	Block II: 1. Computer diagnostics 2. Decision-making systems	4	120	105	15	10	5			fall -3
29	ATMF-BO3	Block III: 1. Programming technologies 2. Application software package	5	150	130	20	10	10			spring -6
30	ATMF-BO4	Block IV 1. Algorithmization and programming 2. Systems simulation	4	120	105	15	10	0	5		fall -5
31	ATMF-BO5	Block V 1. Ways to ensure cybersecurity 2. Communication channels	4	120	110	10	5	5			fall -5
32	ATMF-BO6	Block VI 1. Information communication systems 2. Human-computer interface (UI/UX)	4	120	105	15	10	5			fall -5
33	ATMF-BO7	Block VII 1. Mobile programming 2. Materials science	3	90	80	10	5	5			fall -9
34	ATMF-BO8	Block VIII: 1. Engineering mathematics 2. System analysis	3	90	80	10	5	5			spring -8
35	ATMF-BO9	Block IX: 1. Web programming 2. Computer systems design	4	120	105	15	10	5			fall -7
36	ATMF-B10	X block: 1. Development of desktop applications 2. Laser and its uses	5	150	135	15	10	5			spring -8
37	ATMF-B11	Block XI: 1. Modern Web programming tools 2. Cryptography in computer systems algorithms	4	120	105	15	10	5			fall -9
38	ATMF-B12	Block XII: 1. Data analytics and Machine Learning 2. Object-oriented programming	6	180	160	20	10	10			spring -8
39	ATMF-B13	Block XIII: 1. Robotics 2. Electrical engineering	6	180	160	20	10	10			fall -9
40	ATMF-B14	Block XIV: 1. Internet technologies 2. Industrial production management	4	120	105	15	10	5			spring -6
		Internship	30								spring -10
		Total	240								

III. 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	23	22	23	
Examinations number	6	5	5	6	6	7	6	
Credits number	30	30	30	30	30	30	30	30

Director of the Center for Organization and Management of Education:

_____ PhD, P. Akhundov
«_____» _____ 2024

Scientific Council of WCU «_____»

Approved at the meeting of _____ dated in the year 2024
(Protocol No. _____).