

Approved: _____
 Specialty code and name: 050509 Computer sciences
 Duration of study: 4 years (8 semesters)
 Executive Vice-Rector of Western Caspian University
 R.H.Baghrov
 “ _____ ” Year 2023

I. SCHEDULE OF THE TEACHING PROCESS

[illegible]

CONDITIONS OF MARKS: THEORETICAL TRAINING PRACTICAL EXAMINATION SESSION FINAL STATE HOLIDAY CERTIFICATION

Se qu enc e	Subject code	Subject's name	Number of credits	Total hours	Out –of-class hours	In – class hours	INCLUDING			Prerequi site (the codes of the subjects t be taught in advance)	Semester in which the course is planned to be taught in advance (fall or spring)	Weekly course load
							Lecture	Seminar Practical session	Laboratory			
1	2	3	4	5	6	7	8	9	10	11	12	13
	ÜF-B00	GENERAL SUBJECTS	24	720	390	330	30	300				
1	ÜF-B01	History of Azerbaijan	5	150	90	60	30	30			fall-3	4
2	ÜF-B02.01	Business and Academic Communication in a Foreign language -1	7	210	105	105		105			fall-1	7
3	ÜF-B02.02	Business and Academic Communication in a Foreign language -2	8	240	120	120		120		ÜF-B02.01	spring-2	8
5	ÜF – B03	Business and Academic Communication in Azerbaijani	4	120	75	45		45			fall-1	3
	ÜFS-B00	Elective subjects	6	180	120	60	30	30				
6	ÜFS-B04	First blok 1.Philosophy 2. Introduction to Multiculturalism 3.Sociology 4. Constitution of the Republic of Azerbaijan and Fundamentals of Law 5.Logic 6.Ethics and Aesthetics	3	90	60	30	15	15			fall-3	2
7	ÜFS-B05	GSE-2 1.Information Technologies (on the speciality) 2.Information Management 3.Political science 4.Fundamentals of Entrepreneurship and Introduction to Business	3	90	60	30	15	15			fall-7	2
	İF-BOO	SPECIALTY SUBJECTS	123	3690	2280	1410	780	625				
8	İF-BO1	Information Technologies	3	90	60	30	15	15			Fall-1	2
9	İF-BO2	Mathematical analysis-1	6	180	120	60	30	30			Fall-1	4
10	İF-BO3	Mathematical analysis-2	6	180	120	60	30	30		İF-BO2	Fall-2	4
11	İF-BO4	Physics	3	90	45	45	30	10	5		Fall-1	3
12	İF-BO5	Programming basics-1	5	150	90	60	30	30			Fall-2	4
13	İF-BO6	Programming basics -2	5	150	90	60	30	30		İF-BO5	Fall-3	4
14	İF-BO7	Programming basics- 3	4	120	75	45	30	15		İF-BO6	Fall-4	3
15	İF-BO8	Linear algebra and analytic geometry	4	120	90	30	15	15			Fall-1	2
16	İF-BO9	Probability theory and mathematical statistics	4	120	75	45	30	15			Fall-3	3
17	İF-B10	Computer architecture	5	150	90	60	30	30			Spring-2	4
18	İF-B11	Analytical Geometry	4	120	90	30	15	15			Fall-3	2
19	İF-B12	Web texnologiyalar	4	120	75	45	30	15			Fall-3	3
20	İF-B13	Discrete mathematics	6	180	105	75	45	30			Spring-4	5
21	İF-B14	Differential equations	6	180	120	60	30	30			Spring -6	4
22	İF-B15	Numerical methods – 1	4	120	75	45	30	15			Spring-4	3

23	İF-B16	Numerical Methods - 2	5	150	90	60	30	30		İF-BO15	Autumn-5	4
24	İF-B17	Operating Systems	5	150	90	60	30	30			Spring-4	4
25	İF-B18	Programming Technologies	5	150	90	60	30	30			Autumn-5	4
26	İF-B19	Database Systems	5	150	90	60	30	30			Autumn-5	4
27	İF-B20	Computer Networks	6	180	105	75	45	30			Autumn-5	5
28	İF-B21	Methods of Algorithm Analysis and Design - 1	4	120	60	60	30	30			Spring-6	4
29	İF-B22	Methods of Algorithm Analysis and Design - 2	4	120	60	60	30	30		İF-BO21	Autumn-7	4
30	İF-B23	Parallel and Distributed Computing	4	120	75	45	30	15			Spring-6	3
31	İF-B24	Artificial Intelligence	4	120	75	45	30	15			Spring-6	3
32	İF-B25	Complex Analysis	4	120	75	45	30	15			Autumn-7	3
33	İF-B26	Optimization Methods	5	150	90	60	30	30			Autumn-7	4
34	İF-B27	Civil Defence	3	90	60	30	15	15			Autumn-1	2
	ATMF-BOO	Subjects defined by the Higher Education Institution	57	1710	1140	570	315	255				
35	ATMF-BO1	I Block: 1. Computer Modeling 2. Application Software Packages 3. Computer System Design	6	180	120	60	30	30			Spring-2	4
36	ATMF-BO2	II Block: 1. Computer Graphics 2.Digital Technologies 3.Application Software Packages	5	150	90	60	30	30			Autumn-3	4
37	ATMF BO3	III Block: 1.Human-Computer Interface (UI/UX) 2. Mathematical Logic Problems 3. Information and Communication Systems	6	180	120	60	30	30			Spring-4	4
38	ATMF-BO4	IV Block: 1. System Analysis 2. Fundamentals of System Engineering 3. System Design	5	150	105	45	30	15			Spring-4	3
39	ATMF-BO5	V Block: 1.System Simulation 2. Application Software Packages 3. Computer System Design	5	150	105	45	30	15			Autumn-5	3
40	ATMF-BO6	VI Block: 1. Robotics 2. Electrical Engineering 3. Embedded Systems	4	120	75	45	30	15			Autumn-5	3
41	ATMF-BO7	VII Block: 1.Cybersecurity 2. Information Security in Mobile Phones 3. Methods of Ensuring Cybersecurity	6	180	120	60	30	30			Spring-6	4
42	ATMF-BO8	VIII Block: 1. Data Structures and Algorithms 2. Web Programming 3. Computer Systems Design	6	180	120	60	30	30			Spring-6	4
43	ATMF-BO9	IX Block: 1. Problems in Mathematical Logic 2. Laser and Its Applications 3.Computer Mathematics	6	180	120	60	30	30			Autumn-7	4
44	ATMF -B10	X Block: 1.Artificial Systems 2.Intelligent Systems 3. Expert Systems	8	240	165	75	45	30			Autumn-7	5
45		Experience	30								Spring-8	
		Summary	240									

III. Duration of Training

Academic Year	Theoretical Training	Exam	Experience	SFA	Vacation
I	30	10			10
II	30	10			12
III	30	10			12
IV	15	5	14	6	4
Cami	105	35	14	6	38

	I semester	II semester	III semester	IV semester	V semester	VI semester	VII semester	VIII semester
Weekly Study Load	22	23	22	23	23	22	23	
Number of Exams	6	5	5	6	6	7	6	
Number of Credits	30	30	30	30	30	30	30	30

Director of the Center for Organization and Management of Education

_____ (PHD) P. Akhundov

<_____>_____The year 2023.

on «_____», 2023 (Protocol No.)

It was approved by the meeting of the Scientific Council of WCU