MINISTRY OF EDUCATION OF THE REPUBLIC OF AZERBAIJAN
WESTERN CASPIAN UNIVERSITY

I confirm: _____
engineering
Western Caspian University
Executive Vice-Rector RH Bagirov

"_____" _____ 2022

Code and name of the specialty: 060632 – Information technologies and systems

Name of specialization: Applied software
Study Period: 2 years (4 semesters)

CURRICULUM
(for master's level)

I. ACADEMIC SCHEDULE

s i	Septem- ber	October	November	Dekabr	January	February	March	April	May	June	July	August
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Symbols : THEORETICAL TRAINING INTERNSHIP EXAMINATION SESSION STATE FINAL CERTIFICATION HOLIDAY

THEORETICAL TRAINING: [ ] INTERNSHIP: X EXAMINATION SESSION: :: STATE FINAL CERTIFICATION: // HOLIDAY: =

Academic Teaching plan

№	Subject code	Subject name	Credit number	Total hours	Non curricular hours	Classroom hours	Including			Prerequisi te (first teaching necessary) code of subjects	Teaching the subject intended semester held (Fall or spring)	Weekly class load
							Lecture	Seminar	Laboratory			
1	2	3	4	5	6	7	8	9	10	11	12	13
	MHF – B00	**Humanities**	**14**	**420**	**315**	**105**	**35**	**70**				
1	MHF – B01	Foreign language	6	180	135	45		45			1-autumn	3
2	MHF – B02	Higher school pedagogy	4	120	90	30	15	15			3-autumn	2
3	MHF – B03	Psychology	2	60	45	15	10	5			1-autumn	1
4	MHF – B04	**Major Elective Subject:** 1. Academic ethics 2. Organizational behavior 3. Creativity and leadership	2	60	45	15	10	5			1-autumn	1
	MYTH – B00	**Speciality (specialization) subjects**	**10**	**300**	**225**	**75**	**40**	**35**				
5	MYTH-B01	Modern problems of information technologies	4	120	90	30	15	15			2-spring	2
6	MYTH-B02	History and methodology of information technologies	2	60	45	15	10	5			1-autumn	1
7	MYTH- B03	**AMTSF:** Parallel algorithms and multiprocessor computing systems	4	120	90	30	15	15			2-spring	2
	MYTH-B04	**Major Specialization subjects**	**42**	**1260**	**945**	**315**	**180**	**135**				
8	MIF-B04.01	Electronic document management	6	180	135	45	30	15			1-autumn	3
9	MIF-B04.02	Programming in computer networks	4	120	90	30	15	15			1-autumn	2
10	MIF-B04.03	Analysis and design of digital systems	6	180	135	45	30	15			2-spring	3
11	MIF-B04.04	Programming technologies	8	240	180	60	30	30			2-spring	4
12	MIF-B04.05	Expert systems and artificial intelligence	4	120	90	30	15	15			3-autumn	2
13	MIF-B04.06	Internet search engines	6	180	135	45	30	15			3-autumn	3
14	MIF-B04.07	Fundamentals of decision-making theory	4	120	90	30	15	15			3-autumn	2
15	MIF-B04.08	VBIS administrator	4	120	90	30	15	15			3-autumn	2
	MYTH-B05	**Elective subject**	**24**	**720**	**540**	**180**	**90**	**90**				
16	MIF-B05.01	**I Elective subject block:** 1. Application software packages 2. Mathematical software packages 3. Modern network technologies	8	240	180	60	30	30			1-autumn	4
17	MIF-B05.02	**II Elective subject block:** 1. Methods of automation of the social sphere 2. E-government and its software and hardware support 3. Forecasting methods	8	240	180	60	30	30			2-spring	4
18	MIF-B05.03	**III Elective subject block:** 1. Economic and financial mathematics 2. Cryptographic methods in computer technologies 3. Mathematical and computer modeling	8	240	180	60	30	30			3-autumn	4
	MET – B00	**Scientific research works**	30									
19	MET – B01	Scientific research internship	6									
20	MET – B02	Scientific pedagogical internship	6									
21	MET – B03	Preparation an defense of dissertation work	18									
		Conclusion	**120**	**2700**	**2025**	**675**	**345**	**330**				

1 week of the internship period is 1.5 credits.

III. TIME FOR TRAINING

Education year	Theoretical training	Exam	İnternship	SFC	Holiday
I	30	10			10
II	15	5	8	12	4
Total:	45	15	8	12	14

	1st semester	2nd semester	3rd semester	4th semester
Weekly class load	15	15	15	-
Examinatios number	7	6	5	-
Credits number	30	30	30	30

NOTE: The curriculum prepared based on the educational program approved in 2012 has been adapted to the "Rules for the Organization of Education with the Credit System at the Bachelor's and Master's Levels of Higher Education Institutions" approved by the Resolution No. 348 of the Cabinet of Ministers of the Republic of Azerbaijan dated December 24, 2013.

Director of the Center for Organization and
Management of Education:

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«_____» _____ 2022

Scientific Council of WCU «_____»

Approved at the meeting of _____ dated in the year 2022

(Protocol No. _____).