MINISTRY OF SCIENCE AND EDUCATION OF THE REPUBLIC OF AZERBAIJAN WESTERN CASPIAN UNIVERSITY

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Nº	Subject code	Subject name	Number of credits	Total hours	Out-of-class Activity hours	Auditorium hours	Lecture	Seminar, training	Laboratory	Code of prerequisite subjects	which the subject is intended to be taught (fall or spring)	Weekly workload
	MHF – B00	Humanities	14	420	315	105	35	70				
1	MHF – B01	Foreign language	6	180	135	45		45			1-payız	3
2	MHF – B02	Higher school pedagogy	4	120	90	30	15	15			3-payız	2
3	MHF – B03	Psychology	2	60	45	15	10	5			2-yaz	1
4	MHF – B04	Major Elective Subject: 1.Economy 2. Philosophy	2	60	45	15	10	5			3-payız	1
	MİF – B00	Speciality (specialization) subjects	10	300	225	75	40	35				
5	MİF-B01	Modern problems of biology	4	120	90	30	15	15		MİF-B02	1-payız	2
6	MİF-B02	History and methodology of biology	2	60	45	15	10	5			1-payız	1
7	MiF – B03	AMTSF: Methods of Structural Biology	4	120	90	30	15	15			2-yaz	2
	MİF-B04	Major Specialization subjects-MSS	42	1260	945	315	195	105				
8	MİF-B04.01	Molecular evolution	6	180	135	45	30	15			1-payız	3
9	MiF-B04.02	Genetic and protein engineering	4	120	90	30	15		15		2-yaz	2
10	MiF-B04.03	Genomics	6	180	135	45	30	15			2-yaz	3
11	MiF-B04.04	Molecular biology of photosynthesis	6	180	135	45	30	15			1-payız	3
12	MİF-B04.05	Proteomics	6	180	135	45	30	15			1-payız	3
13	MİF-B04.06	Biostatistics	6	180	135	45	30	15			2-yaz	3
14	MİF-B04.07	Research methods of molecular biology	8	240	180	60	30	30			3-payız	4
	MİF-B05	Elective subject-ES	24	720	540	180	90	90				
15	MİF-B05.01	I block: - Structural and functional mechanisms of biological macromolecules - Protein–protein interaction mechaisms	8	240	180	60	30	30			2-yaz	4
16	MİF-B05.02	 Il block: Mechanisms of regulation of the expression of genetic information Epigenetics and gene regulation 	8	240	180	60	30	30			3-рауіz	4
17	MiF-B05.03	III block:- Molecular mechanisms of biological signal transduction- Molecular phytopathology	8	240	180	60	30	30			3-рауіz	4
		Total	90	2700	2025	675	360	300	15			i

$\boldsymbol{1}$ week of the internship period is 1.5 credits.

III. TIME FOR TRAINING

Academic year	Theoretical training	Exam session	Internship	Final state attestation	Vacation
I	30	10			10
II	15	5	8	12	4
Total:	45	15	8	12	14

	I semester	II semester	III semester	IV semester
Weekly workload	15	15	15	-
Number of Exams	7	6	5	-
Number of credits	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.

Vice-Rector fo	or Academic Affairs:	It was approved at the meeting of Scientific Council of WCU
		"" dated 2022 (Protocol No.)
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