

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

Approved by
Executive Vice-Rector R.H. Baghirov
Western Caspian University

Code and name of the specialty: 060709 – Water bioresources and
aquaculture

Name of specialization: Water bioresources

Study Period: 2 year (4 semester)

_____ 2023

**CURRICULUM
(for Master's level)**

I. ACADEMIC SCHEDULE

Semester	September			October			November			Dekabr			January			February			March			April			May			June			July			August			
I	=	=										::	::	::	::	::	=	=									::	::	::	::	::	=	=	=	=	=	=
II	=	=										::	::	::	::	::	=	=	x	x	x	x	x	x	x	x	/	/	/	/	/	/	/	/	/	/	

Symbols : THEORETICAL TRAINING



INTERNSHIP



EXAMINATION SESSION



STATE FINAL CERTIFICATION



HOLIDAY



II Academic Teaching plan

№	Subject code	Subject name	Credit number	Total hours	Non curricular hours	Classroom hours	Including			Prerequisite (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	MHF – B01	6	180	135	45	0	45			1-Fall	3
2	MHF – B02	MHF – B02	4	120	90	30	15	15			1-Fall	2
3	MHF – B03	Major Elective Subject: 1.Economy 2. Philosophy	2	60	45	15	10	5			2-Spring	1
	MIF – B00	Speciality (specialization) subjects	6	180	135	45	25	20				
4	MIF-B01	Modern Problems of Biology	4	120	90	30	15	15			1-Fall	2
5	MIF-B02	History and Methodology of Biology	2	60	45	15	10	5			1-Fall	1
	MIF-B04	Major Specialization subjects	46	1380	1035	345	225	120				
6	MIF-B04.01	Methods of the specialty	8	240	180	60	30	30			3-Fall	4
7	MIF-B04.02	Modern methods of fish feeding	4	120	90	30	15	15			1-Fall	1
8	MIF-B04.03	Mathematical modeling in biology	4	120	90	30	15	15			1-Fall	2
9	MIF-B04.04	Bioethics	4	120	90	30	15	15			1-Fall	2
10	MIF-B04.05	ATMF: Fundamentals of Aquatic Biological Resources Management	8	240	180	60	30	30			2-Spring	4
11	MIF-B04.06	Philosophy	2	60	45	15	10	5			2-Spring	1
12	MIF-B04.07	Bioinformatics	4	120	90	30	15	15			2-Spring	2
13	MIF-B04.08	Current Problems and Prospects of Aquaculture	8	240	195	45	30	15			2-Spring	3
14	MIF-B04.09	Ecology of Hydrobionts	8	240	180	60	30	30			3-Fall	4
15	MIF-B04.10	Fisheries of Azerbaijan	4	120	75	45	30	15			3-Fall	3
	MIF-B05	Elective subject	24	720	540	180	90	90	60			
16	MIF-B05.01	I Elective subject block: 1. Cultivation of Hydrobionts in Recirculating Aquaculture Systems 2. Systems Analysis in Fisheries	6	180	135	45	30		15		1-Fall	3
17	MIF-B05.02	II Elective subject block: 1. Ecological Physiology of Hydrobionts and Biotechnology 2. Genetic engineering methods in aquaculture	6	180	120	60	30		30		2-Spring	4
18	MIF-B05.03	III Elective subject block: 1. Living organisms, features of ontogenesis 2. Stress and diseases of fish	6	180	135	45	30		15		3-Fall	3
	MET – B00	Scientific Research Works	30									
19	MET – B01	Scientific Research Internship	6								4-Spring	
20	MET – B02	Scientific and Pedagogical Internship	6								4-Spring	
21	MET – B03	Preparation and Defense of the Dissertation	18								4-Spring	
		Total	120									

1 week of the internship period is 1.5 credits.

III. TIME FOR TRAINING

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

	1 st semester	2 nd semester	3 rd semester	4 th semester
Weekly class load	15	15	15	-
Examinations 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:**

« _____ » _____ 2023

Scientific Council of WCU « _____ »

**Approved at the meeting of _____ dated in the year 2023
(Protocol No. _____).**