

**ANNUAL WORKING STUDY PLAN ON SPECIALITY
050708 – Water bioresources and aquaculture**

Education level – Bachelor
Duration of study: 4 years
Contact hours: 2325 hours

I study year

Semesters	№	Course name	Contact hours Division by semesters				Weekly contact hours	Coursework or project	Number of students	Number of credits
			Total	Lecture	seminar	laboratory				
Autumn semester (15 weeks)	1.	Azerbaijan history	75	45	30	-	5	-	5	
	2.	Business and academic communication in foreign language-1	90	-	90	-	6	-	9	
	3.	General chemistry	60	30	-	30	4	-	5	
	4.	Physics	60	30	-	30	4	-	5	
	5.	General biology	60	30	30	-	4	-	6	
	Total:		345			23			30	
Start of studies:			September 15							
Winter exam session:			Since December 29 till February 2							
Vacations:			Since February 2 till February 16							
Spring semester (15 weeks)	1.	Business and academic communication in Azerbaijani language	45	-	45	-	3	-	4	
	2.	Business and academic communication in foreign language-2	60	-	60	-	4	-	6	
	3.	Zoology	60	30	-	30	4	-	6	
	4.	Mathematics	60	30	30	-	4	-	5	
	5.	Botany	75	30	-	45	5	-	7	
		Courses determined by HEI								
	6.	Basics of hydrobiology	30	15	15	-	2	-	2	
	Total:		330			22			30	
Start of studies:			February 16							
Summer exam session:			Since June 1 till July 6							
Vacations:			Since July 6 till September 15							

II study year

Semesters	№	Course name	Contact hours Division by semesters				Weekly contact hours	Coursework or project	Number of students	Number of credits	
			Total	Lecture	seminar	laboratory					
Autumn semester (15 weeks)	1.	Introduction to specialty and development history of specialty	30	15	15	-	2	-		3	
	2.	Meteorology and climate studies	60	30	30	-	4	-		5	
	3.	Biochemistry	60	30	-	30	4	-		6	
	4.	Microbiology	60	30	-	30	4	-		5	
	Elective courses (On general subjects)										
	5.	Block I		30	15	15	-	2	-		3
		Philosophy									
		Sociology									
		Azerbaijan Republic Constitution and law basics									
		Basics of entrepreneurship and introduction to business									
		Ethics and aesthetics									
		Introduction to multiculturalism									
	Courses determined by HEI										
	6.	Aquatic plants		90	45	45	-	6	-		8
Total:			330				22			30	
Start of studies: September 15											
Winter exam session: Since December 29 till February 2											
Vacations: Since February 2 till February 16											
Spring semester (15 weeks)	1.	Informatics	45	15	30	-	3	-		4	
	2.	Ecology	45	15	30	-	3	-		4	
	3.	Invertebrates aquaculture	60	30	30	-	4	-		5	
	4.	Fishery	60	30	30	-	4	-		6	
	Elective courses (on general subjects)										
	5.	Block II		30	15	15	-	2	-		3
		Information technologies in agrarian sector									
		Information management in agriculture									
		Logics									
		Politology									
	Elective courses determined by HEI										
6.	Block I		90				6	-		8	
	Medicinal aquatic plants			45	45	-					
	Aquatic plants of industrial importance			45	45	-					
Total:			330				22			30	
Start of studies: February 16											

Summer exam session: Since June 1 till July 6
 Vacations: Since July 6 till September 15

III study year

Semesters	№	Course name	Contact hours Division by semesters				Weekly contact hours	Coursework or project	Number of students	Number of credits	
			Total	Lecture	seminar	laboratory					
Autumn semester (15 weeks)	1.	Statistics	45	15	30	-	3	-		4	
	2.	Planktonology	60	30	30	-	4	-		5	
	3.	Physiology of aquatic plants	60	30	30	-	4	-		5	
	4.	Economics, marketing and management of the sector	45	15	30	-	3	-		4	
	Courses determined by HEI										
	5.	Bioecology of Azerbaijan water basins	60	30	30	-	4	-		6	
	Elective courses										
	6.	Block II	60				4	-		6	
		Protection and use of hydrobionts		30	30	-					
		Gene pool and selection of fish		30	30	-					
	Total:		330				22			30	
Start of studies: September 15 Winter exam session: Since December 29 till February 2 Vacations: Since February 2 till February 16											
Spring semester (15 weeks)	1.	Aquatic plants aquaculture	60	30	30	-	4	-		5	
	2.	Fish aquaculture	60	30	30	-	4	-		6	
	3.	Civil defense	30	15	15	-	2	-		3	
	3.	Fish feeding	60	30	30	-	4	-		5	
	Courses determined by HEI										
	4.	Aquatic plants of fresh water basins	60	30	30	-	4	-		5	
Elective courses											
Block III											
5.	1.Commercially valuable fish 2.Commercially valuable invertebrates	60	30	30	-	4	-		6		
	Total:		330				22			30	
Start of studies: February 16 Summer exam session: Since June 1 till July 6 Vacations: Since July 6 till September 15											

IV study year

Semesters	№	Course name	Contact hours Division by semesters				Weekly contact hours	Coursework or project	Number of students	Number of credits
			Total	Lecture	seminar	laboratory				
Autumn semester (15 weeks)	1.	Labor protection	45	30	15	-	3	-		4
	2.	Methods of monitoring and research in aquaculture	75	45	30	-	5	-		7
	Courses determined by HEI									
	3.	Ichthyopathology	75	45	30	-	5	-		7
	Elective courses									
	4.	Block IV	60				4	-		6
		Mariculture biotechnology		30	30	-				
		Oceanology		30	30	-				
	5.	Block V	75				5	-		6
		Sanitary hydrobiology		45	30	-				
	Technical hydrobiology		45	30	-					
Total:			330				22			30
Start of studies:		September 15								
Winter exam session:		Since December 29 till February 2								
Vacations:		Since February 2 till February 16								
Spring semester (15 weeks)	1.	Internship	11 weeks (16.02 – 19.04)							16,5
	2.	Teaching practice (General acquaintance with water basins)	1 week (20.04 – 24.05)							1,5
	3.	Teaching practice (Botany)	1 week (20.04 – 24.05)							1,5
	4.	Teaching practice (Zoology)	1 week (20.04 – 24.05)							1,5
	5.	Final State Attestation	6 weeks (25.05 – 05.07)							9
Total:										30
Start of studies:		February 16								

Total: 240 credits