

ANNUAL WORKING STUDY PLAN ON SPECIALITY

050102 – Biology teaching

Education level – Bachelor

Duration of study: 4 years

Contact hours: 2340 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	I laboratory					
Autumn semester (15 weeks)	1.	Mathematics	60	30	30	-	4	-		5	
	2.	Business and academic communication in foreign language-1	90	-	90	-	6	-		8	
	3.	Citology	60	30	-	30	4	-		5	
	4.	Physics	60	30	-	30	4	-		5	
	5.	Psychology	75	45	30	-	5	-		7	
	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	75	-	75	-	5	-		7	
	3.	General chemistry	45	15	-	30	3	-		4	
	4.	Azerbaijan history	75	45	30	-	5	-		5	
	5.	Introduction to multiculturalism	30	15	15	-	2	-		3	
	Courses determined by HEI										
	6.	Histology and Developmental Biology	75	45	-	30	5	-		7	
Total:			345				23			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				
			1.	Plants anatomy and morphology	60	30				
2.	Invertebrate zoology	60	30	-	30	4	-		5	
3.	Pedagogy -1	60	30	30	-	4	-		6	
4.	ICT (information and Communication Technology) in education	60	30	30	-	4	-		5	
Elective courses (On general subjects)										
5.	Block I	30	15	15	-	2	-		3	
	Phylosophy									
	Sociology									
	Azerbaijan Republic Constitution and law basics									
	Logics									
	Ethics and aesthetics									
Courses determined by HEI										
6.	Block I	60			-	4	-		6	
	Plant ecology		30	30						
	Flora of Azerbaijan		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										
1.	Plant taxonomy	60	30	-	30	4	-		6	
2.	Vertebrate zoology	60	30	-	30	4	-		5	
3.	Human anatomy	60	30	-	30	4	-		5	
4.	Pedagogy -2	45	15	30	-	3	-		4	
Elective courses (On general subjects)										
5.	Block II	30	15	15	-	2	-		3	
	Management of Information									
	Fundamentals of Entrepreneurship and Introduction to Business									
	Politology									
Courses determined by HEI										
6.	Block II	75			-	5	-		7	
	Animal ecology		30	45	-					
	Fauna of Azerbaijan		30	45	-					

	Entomology		30	-	45				
	Hydrobiology		30	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.	Teaching methods in Biology -1	60	30	-	30	4	-		6
	2.	Ecology	45	15	30	-	3	-		4
	3.	Biological chemistry (Biochemistry)	60	30	-	30	4	-		5
	4.	Genetics and breeding	60	30	-	30	4	-		5
	5.	Human and animal physiology	60	30	-	30	4	-		6
	6.	Evolution	45	15	30	-	3	-		4
	Сәми:		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.	Teaching methods in Biology -2	45	15	-	30	3	-		4
	2.	Microbiology and virology	60	30	-	30	4	-		5
	3.	Plant physiology	60	30	-	30	4	-		5
		Courses determined by HEI								
	3.	Professional Ethics in teaching	60	30	30	-	4	-		6
		Elective courses								
	4.	Block III	60				4	-		6
		Molecular biology		30	30	-				
		Biotechnology		30	30	-				
	5.	Block IV	45				3	-		4
	Ichthyology		15	30	-					
	Ornithology		15	30	-					
	Herpetology		15	30	-					
	Сәми:		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.	Civil defense and fundamentals of medical knowledge	60	30	30	-	4	-		6	
	Courses determined by HEI										
	2.	Basics of the General Secondary Education Curriculum for Biology	60	30	30	-	4	-		6	
	Elective courses										
	3.	Block V	45				3	-		3	
		Aging physiology		15	30	-					
		Developmental and lifespan psychology		15	15	-					
	4.	Block VI	60				4	-		5	
		Immunology		30	30	-					
		Biophysics of membrane processes		30	30	-					
	5.	Block VII	60				4	-		6	
		Photosynthesis		30	30	-					
		Mycology		30	-	30					
	6.	Block VIII	45				3	-		4	
	New Technologies in education		15	30	-						
	School management		15	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)		Pedagogical intership	20 weeks (16.02 – 05.07)								30
	Total:									30	
Start of studies: February 16											

Cəmi: 240 kredit