

Batumi Shota Rustaveli State University

Faculty of Natural Sciences and Health Care

Educational Program: Ecology

Conferred academic degree: Bachelor of Ecology

CURRICULUM

№	Components	Course Code	Prerequisite Code	Number of Credits	Number of Hours	Including							Credit distribution within semesters								
						Lecture	Group work	Practical	Laboratorial	Internship	Midterm Exam	Final Exam	Individual Work	I semester	II semester	III semester	IV semester	V semester	VI semester	VII semester	VIII semester
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Compulsory University Courses																					
1	History of Georgia	B1140702003	-	3	75	15	15				1	2	42	3							
2	Introduction to Philosophy	B1140703002	-	2	50	15	15				1	2	17	2							
3	Academic Writing	B114 0701004	-	3	75		30				1	2	42	3							
4	Psychology	B1140302052	-	2	50	15	15				1	2	17	2							
5	English (Beginner) English A1.1 English A2.1 English B1.1 English B2.1.1	B1140102070 B1140102073 B1140102002 B1140102004 B1140102014		5	125		42				1	2	80		5						
6	English A1.1 English A1.2 English A2.2 English B1.2	B1140102073 B1140102074 B1140102003 B1140102005	B1140102070 B1140102073 B1140102002 B1140102004	5	125		42				1	2	80			5					

	English B2.1.2	B1140102015	B1140102014																
7	English A2.1 English A2 English B1 English B2.1 English B2.2	B1140102083 B1140102016 B1140102007 B1140102085 B1140102104	B1140102073 B1140102078 B1140102016 B1140102004 B1140102015	10	250		87				1	2	160				10		
8	information Technologies	B1140102037	-	5	125				42		1	2	80		5				
Major Compulsory Courses																			
1	Introduction to Biology	B1140801001	-	5	125	15	27				1	2	80	5					
2	Introduction to Geography	B1140802001	-	5	125	20	27				1	2	75	5					
3	Introduction to Ecology	B1140801032	-	5	125	15	27				1	2	80	5					
4	Introduction to Chemistry	B1140803001	-	5	125	15	14		28		1	2	65	5					
5	Molecular Basics of Vital Processes	B1140801033	-	4	100	15	27				1	2	55		4				
6	Basics of Live Cellular and Tissue Organization	B1140801034	-	3	75	15	15		12		1	2	30		3				
7	Basics of Physics	B1140901037	-	3	75	15	12				1	2	45		3				
8	Mathematics	B1140902061	-	4	100	27	15				1	2	55		4				
9	Environmental Protection and Conservation	B1140801035	-	3	75	10	17				1	2	45		3				
10	Plant Biodiversity	B1140801036	-	5	125	20	18		19		1	2	65			5			
11	Animal Biodiversity	B1140801037	-	5	125	30			27		1	2	65			5			
12	Plant Physiology with Microbiology	B1140801038	-	4	100	15	17		10		1	2	55			4			
13	Microorganisms and Plant Ecology	B1140801039	-	3	75	10	17				1	2	45			3			
14	environmental Chemistry	B1140801040	-	2	50	10	12				1	2	25		2				
15	animal Ecology	B1140801041	-	3	75	12	15				1	2	45			3			
16	Human Ecology	B1140801042	-	3	75	10	17				1	2	45				3		
17	Basics of Evolutional Doctrines	B1140801043	-	3	75	15	27				1	2	30						3
18	General Genetics	B1140801044	-	4	100	15	27				1	2	55				4		
19	Physiological Ecology	B1140801045	-	3	75	10	17				1	2	45				3		
20	Populations Ecology	B1140801046	-	4	100	13	29				1	2	55						4
21	Water Ecosystems	B1140801047	-	4	100	15	27				1	2	55					4	

22	Land Ecosystems	B1140801048	-	4	100	15	27			1	2	55					4			
23	Biochemical Ecology	B1140801049	-	4	100	15	27			1	2	55							4	
24	Radiation Ecology	B1140801050	-	4	100	15	27			1	2	55					4			
25	Toxicological Ecology	B1140801051	-	3	75	10	17			1	2	45					3			
26	Ecological Law	B1140801052	-	3	75	10	17			1	2	45							3	
27	Ecological Management	B1140801053	-	4	100	15	27			1	2	55							4	
28	Ecological Monitoring	B1140801054	-	4	100	15	16		11	1	2	55							4	
29	Ecological Genetics	B1140801055	B1140801044	4	100	15	15		12	1	2	55					4			
30	Field Practice in Plant Biodiversity	B1140801056	B1140801036	2	50					45		5					2			
31	Field Practice in Animal Biodiversity	B1140801057	B1140801037	2	50					45		5					2			
32	Field Practice in Water Ecosystems	B1140801058	-	2	50					45		5							2	
33	Field Practice in Land Ecosystems	B1140801059	-	2	50					45		5							2	
34	Internship in Ecology I	B1140801060	-	3	75					70		5							3	
35	Internship in Ecology II	B1140801061	-	2	50					45		5							2	
36	Bachelor's Thesis	B1140801062	-	10	250							250							10	
Major Elective Courses				12													6	6		
1	Biogeography	B1140801063	-	3	75	10	17			1	2	45					3			
2	Biorhythm	B1140801029	-	2	75	10	17			1	2	45					2			
3	Human Genetics	B1140801024	-	2	75	10	17			1	2	45					2			
4	Geoecology	B1140801064	-	3	75	10	17			1	2	45					3			
5	Bioethics	B1140801025	-	3	75	10	17			1	2	45					3			
6	Global Ecological Problems	B1140801065	-	4	100	15	27			1	2	55					4			
7	Phytocenology	B1140801068	-	2	50	10	17			1	2	20					2			
8.	Minor /Elective Courses			60	1500												15	15	15	15
Total				240	6000								30	29	31	30	30	30	31	29