

Batumi Shota Rustaveli State University
Faculty of Natural Sciences and Health Care

Educational program: **Chemistry**
Conferred academic degree: **Bachelor of Chemistry**

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 Faculty Courses																					
1	History of Georgia (General Course)	B 1140702003		3	75	15	15				1	2	42	3							
2	Introduction to Philosophy			2	50	15	15				1	2	17	2							
3	Academic Writing	B 114 0701004		3	75		30				1	2	42	3							
4	Psychology			2	50	15	15				1	2	17	2							
5	Introduction to Biology	B 1140801001		5	125	15	27				1	2	80	5							
6	Introduction to Geography	B 1140802001		5	125	20		27			1	2	75	5							
7	Introduction to Ecology	B 1140801032		5	125	15	27				1	2	80	5							
8	Introduction to Chemistry	B 1140803001		5	125	15	14		28		1	2	65	5							
9	Information Technologies			5	125				42		1	2	80		5						
Faculty Elective Courses																					
1	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						
2	English A1.1	B1140102073	B1140102070	5	125		42				1	2	80			5					

	English A1.2 English A2.2 English B1.2 English B2.1.2	B1140102074 B1140102003 B1140102005 B1140102015	B1140102073 B1140102002 B1140102004 B1140102014																
3	English A2.1 English A2 English B1 English B2.1 English B2.2	B1140102083 B1140102016 B1140102007 B1140102085 B1140102104	B1140102073 B1140102078 B1140102016 B1140102004 B1140102015	5	125		42				1	2	80				10		
Major Compulsory Courses																			
1	Higher Mathematics			5	125	15	27				1	2	80		5				
2	Physics			5	125	15	15		12		1	2	80		5				
3	General Physics	B 1140803002		5	125	13	15		29		1	2	65		5				
4	<i>Inorganic Chemistry</i>	B 1140803003	General Chemistry B 1140803002	10	250	30	29		38		1	2	150			10			
5	<i>Analytical Chemistry</i>	B 1140803004	General Chemistry B1140803002 Inorganic Chemistry B 1140803003	10	250	30	30		37		1	2	150				10		
6	<i>Organic Chemistry</i>	B 1140803005		10	250	30	30		37		1	2	150				10		
7	<i>Physical Chemistry</i>	B 1140803006		10	250	30	27		40		1	2	150					10	
8	<i>Chemical Basics of Life</i>	B 1140803007		5	125	15	12		25		1	2	70					5	
9	<i>Quantum Chemistry</i>	B 1140803008		5	125	30	22				1	2	70		5				
10	<i>Colloid Chemistry</i>	B 1140803009	Physical Chemistry B 1140803006	5	125	15	12		30		1	2	65						5
11	<i>Basics of Ecological Chemistry</i>	B 1140803010		5	125	15	15		22		1	2	70			5			
12	<i>Substance Structure</i>	B 1140803011		5	125	30	22				1	2	70			5			
13	<i>Chemistry of High Molecular Compounds</i>	B 1140803012	Organic Chemistry B 1140803005	5	125	15	15		27		1	2	65						5
14	<i>Chemical Technology</i>	B 1140803013	General Chemistry B 1140803002	5	125	15	12		30		1	2	65						5
15	<i>Physical Methods of Research</i>	B 1140803014		5	125	15	7		30		1	2	70			5			
16	<i>Internship</i>	B 1140803015	Chemical Technology B 1140803013	5	125					43	1	2	80						5

