

**Agro-engineering
BA curriculum**

N	Components	Number of ECTS	Hours							Distribution of ECTS over semesters							
			Total	Among thrm						I semester	II semester	III semester	IV semester	V semester	VI semester	VII semester	VIII semester
				Lecture	Lab	Practice / lab	Work group	Practice	Individual work								
1	2	3	4	5	6	7	8		9	10	11	12	13	14	15	16	17
	Core courses																
1	History of Georgia (General course)	3	75	15			15		45	3							
2	Academic Writing	3	75	15			15		45	3							
3	Introduction to philosophy	2	50	15			15		20	2							
4	Psychology	2	50	15			5		30	2							
5	Introduction to Chemistry	5	125	15	30				80	5							
6	Higher math with elements of statistics	4	100	15			15		70	4							
7	Basics of agriculture	6	150	30			45		75	6							
8	Agrarian resources and environment protection	5	125	15			30		80	5							
	Compulsory courses of specialty																
9	Engineering graphics	5	125	15			45		65		5						
10	Basics of agrarian techniques standardization and interchangeability	5	125	15			45		65		5						
11	Technology of constructing materials and study of materials	4	100	15			30		55		4						
12	Physics	5	125	15	15		15		80		5						
13	Technical mechanics I	6	150	30			45		75		6						
14	English language A1/B1.1.1	5	125				45		80			5					
15	Technical mechanics II	6	150	30			45		75			6					

			0														
16	Basics of hydraulics	4	10 0	15			30		55			4					
17	Information technologies	5	12 5	15			30		80			5					
18	English language A2/B1.1.2	5	12 5				45		80				5				
19	Tractors and automobiles	6	15 0	15			60		75				6				
20	Agrarian machinery I	6	15 0	30			45		75				6				
21	Intensive technology of cultivation agrarian cultures	4	10 0	15			30		55				4				
22	General electric techniques	4	10 0	15			30		55				4				
23	English language B1.1.1/B1.2.1	5	12 5				45		80					5			
24	Exploitation of irrigation systems	4	10 0	15			30		55					4			
25	Mechanization of cattle- rearing farms	6	15 0	15			45		90					6			
26	English language B.1.1.2/B1.2.2	5	12 5				45		80						5		
27	Exploitation of machinery-tractors parking lot.	6	15 0	15			45		90						6		
28	Agrarian machinery II	4	10 0	15			30		55					4			
29	Maintenance of the machinery	6	15 0	15			45		90							6	
30	Power provision for agriculture	4	10 0	15			30		55							4	
31	Internship	5	12 5					40									5
32	Internship	5	12 5					45									5
33	BA paper or elective in specialty: agro- engineering service	1 0	25 0	45			60		14 5								10
	Electives	2 0	50 0	60	2 0		12 0		30 0		5	10	5				
34	Soil studies / agrology with basics of agro- chemistry	5	12 5	15	2 0		10		80								

