-	-	-	-	Form of control						number of credits		Total number of acad.hours						1st year		2nd Year		3rd Year		4th Year		Responsible academic department	
																		1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester	7th semester	8th semester		
To consider in the plan	Index	Name	Box/part	Examination	Credit	Graded test	Term project	Course work	Review work	Expert	Fact	Expert	According to plan	Auditorium hours	AUD.	Solo work	Review work	number of credits	number of credits	number of credits	number of credits	number of credits	number of credits	number of credits	number of credits	Code	Name
Box 1.Discipline (modules)																											
Mandatory part																											
+	B1.O. 01	**Socio-humanitarian module**	**B1.O**	**136**	**1577**					20	**20**	**720**	**720**	**318.8**	**264.8**	**283.6**	**117.6**	6		4		2	3	5			
+	B1.O.01.01	History	B1.O	1						4	4	144	144	48.8	32.8	53	42.2	4								71	History
+	B1.O.01.02	Psychology	B1.O		1					2	2	72	72	32.6	30.6	39.4		2								75	Social sciences, pedagogy and law
+	B1.O.01.03	Philosophy	B1.O	3						4	4	144	144	48.8	32.8	53	42.2			4						72	Philosophy and cultural studies
+	B1.O.01.04	Jurisprudence	B1.O		5					2	2	72	72	32.6	30.6	39.4						2				75	Social sciences, pedagogy and law
+	B1.O.01.05	Economic theory	B1.O	6						3	3	108	108	48.8	46.8	26	33.2						3			64	Economic theory
+	B1.O.01.06	Economics and organization of production	B1.O		7					2	2	72	72	44.6	30.6	27.4								2		63	Economics of agriculture and fishery
+	B1.O.01.07	Management & marketing	B1.O		6					2	2	72	72	62.6	60.6	9.4							2			67	Industry logistics, marketing and commerce
+	B1.O.02	**Physical culture and sport**	**B1.O**		**16**					2	**2**	**72**	**72**	**28.6**	**28.6**	**43.4**		1					1				
+	B1.O.02.01	Basics of physical culture	B1.O		1					1	1	36	36	16.3	16.3	19.7		1								74	Physical culture
+	B1.O.02.02	Physical self-improvement	B1.O		6					1	1	36	36	12.3	12.3	23.7							1			74	Physical culture
+	B1.O.03	**Mathematical and natural science module**	**B1.O**	**11222**		**1**			**11222**	22	**22**	**792**	**792**	**356.6**	**344.6**	**233.4**	**202**	11	11								
+	B1.O.03.01	Informatics	B1.O	1						4	4	144	144	48.8	46.8	53	42.2	4								82	Computer science and information technology
+	B1.O.03.02	Mathematics and mathematical statistics	B1.O	2		1			12	6	6	216	216	113.4	109.4	69.4	33.2	3	3							81	Calculus
+	B1.O.03.03	Chemistry	B1.O	12					12	8	8	288	288	129.6	125.6	74	84.4	4	4							84	Chemistry
+	B1.O.03.04	Physics	B1.O	2					2	4	4	144	144	64.8	62.8	37	42.2		4							83	Physics
+	B1.O.04	**Module "Fundamentals of business communication"**	**B1.O**		**123**	**24**				10	**10**	**360**	**360**	**219**	**209**	**141**		2	4	2	2						
+	B1.O.04.01	Culture of speech and business communication	B1.O		2					2	2	72	72	32.6	30.6	39.4			2							76	Russian language
+	B1.O.04.02	Foreign language	B1.O		13	24				8	8	288	288	186.4	178.4	101.6		2	2	2	2					73	Foreign languages
+	B1.O.05	**General professional module**	**B1.O**	**233344556**	**13445**	**1**	**3**	**234456**		47	**47**	**1692**	**1692**	**790.8**	**734.8**	**575.4**	**325.8**	4	4	13	13	9	4				
+	B1.O.05.01	Introduction into professional activities	B1.O			1				2	2	72	72	44.6	30.6	27.4		2								16	Agrology and agroecology
+	B1.O.05.02	Botany	B1.O	2	1			2		6	6	216	216	100.4	96.4	82.4	33.2	2	4							16	Agrology and agroecology
+	B1.O.05.03	Microbiology	B1.O	3						3	3	108	108	34.8	32.8	40	33.2			3						17	Aquaculture, biology and diseases of hydrobionts
+	B1.O.05.04	Land management with the basics of geodesy	B1.O	3			3			4	4	144	144	54.8	52.8	56	33.2			4						14	Agronomy
+	B1.O.05.05	Agricultural ecology	B1.O	3				3		3	3	108	108	37.8	35.8	37	33.2			3						16	Agrology and agroecology
+	B1.O.05.06	Agriculture	B1.O	4	3			4		6	6	216	216	100.4	96.4	73.4	42.2			3	3					14	Agronomy
+	B1.O.05.07	Agrometeorology	B1.O		4					2	2	72	72	46.6	44.6	25.4					2					16	Agrology and agroecology
+	B1.O.05.08	General pedology	B1.O	4				4		5	5	180	180	81.8	79.8	65	33.2				5					16	Agrology and agroecology
+	B1.O.05.09	Physiology and biochemistry of plants	B1.O	5	4			5		6	6	216	216	112.4	94.4	61.4	42.2				3	3				14	Agronomy
+	B1.O.05.10	Phytopathology and entomology	B1.O	5						4	4	144	144	64.8	62.8	46	33.2					4				14	Agronomy
+	B1.O.05.11	Crop research	B1.O	6	5			6		6	6	216	216	112.4	108.4	61.4	42.2					2	4			14	Agronomy
+	B1.O.06	**Professional module**	**B1.O**	**44566**	**45556778**	**4**		**56**		44	**44**	**1584**	**1584**	**715.4**	**651.4**	**693.6**	**175**				13	11	11	6	3		
+	B1.O.06.01	Agricultural radiology	B1.O		4					3	3	108	108	44.6	30.6	63.4					3					16	Agrology and agroecology
+	B1.O.06.02	Amelioration	B1.O			4				3	3	108	108	62.6	60.6	45.4					3					14	Agronomy
+	B1.O.06.03	Mechanization of crop production	B1.O	4						4	4	144	144	64.8	62.8	37	42.2				4					14	Agronomy
+	B1.O.06.04	Geology with the basics of geomorphology	B1.O	4						3	3	108	108	50.8	48.8	24	33.2				3					16	Agrology and agroecology
+	B1.O.06.05	Soil geography	B1.O		5					2	2	72	72	32.6	30.6	39.4						2				16	Agrology and agroecology
+	B1.O.06.06	Landscape study	B1.O		5					2	2	72	72	46.6	30.6	25.4						2				16	Agrology and agroecology
+	B1.O.06.07	Agricultural science	B1.O	5				5		5	5	180	180	83.8	81.8	63	33.2					5				16	Agrology and agroecology
+	B1.O.06.08	Research methods	B1.O	6						4	4	144	144	64.8	62.8	46	33.2						4			16	Agrology and agroecology
+	B1.06.09	Agrochemistry	B1.O	6	5			6		7	7	252	252	110.4	106.4	108.4	33.2					2	5			16	Agrology and agroecology
+	B1.O.06.10	Soil cartography	B1.O		7					3	3	108	108	42.6	30.6	65.4								3		16	Agrology and agroecology
+	B1.O.06.11	Research methods	B1.O		7					3	3	108	108	32.6	30.6	75.4								3		16	Agrology and agroecology
+	B1.O.06.12	Plant protection	B1.O		7					3	3	108	108	32.6	30.6	75.4								3		16	Agrology and agroecology
+	B1.O.06.13	Fertilizer system	B1.O		8					3	3	108	108	46.6	44.6	61.4									3	16	Agrology and agroecology
+	B1.O.07	**Module "Safe conditions of vital activities"**	**B1.O**	**7**						4	**4**	**144**	**144**	**64.8**	**62.8**	**46**	**33.2**							4			
+	B1.O.07.01	Life safety	B1.O	7						4	4	144	144	64.8	62.8	46	33.2							4		23	Life safety
										149	*149*	*5364*	*5364*	*2494*	*2296*	*2016.4*	*853.6*	*24*	*19*	*19*	*28*	*22*	*19*	*15*	*3*		
The part formed by the participants of educational relations																											
+	B1.V. 01	**Professional module (B)**	**B1.V**	**37**	**12255**			**37**		22	**22**	**792**	**792**	**398.6**	**360.6**	**318**	**75.4**	3	5	4		4		6			
+	B1.V. 01.01	Plant ecology	B1.V		1					3	3	108	108	46.6	44.6	61.4		3								16	Agrology and agroecology
+	B1.V.01.02	Basics of Agroecology	B1.V		2					3	3	108	108	48.6	46.6	59.4			3							16	Agrology and agroecology
+	B1.V.01.03	Digital technologies in soil science and Agrochemistry	B1.V		2					2	2	72	72	48.6	46.6	23.4			2							16	Agrology and agroecology
+	B1.V.01.04	Physical and chemical methods of analysis	B1.V	3				3		4	4	144	144	67.8	65.8	43	33.2			4						16	Agrology and agroecology
+	B1.V. 01.05	Soil Geochemistry	B1.V		5					2	2	72	72	46.6	44.6	25.4						2				16	Agrology and agroecology
+	B1.V. 01.06	Methods of experimental research	B1.V		5					2	2	72	72	44.6	30.6	27.4						2				16	Agrology and agroecology
+	B1.V.01.07	Grassland farming with the basics of forage production	B1.V	7				7		6	6	216	216	95.8	81.8	78	42.2							6		16	Agrology and agroecology
+	B1.O0.01	**Elective modules**	**B1.V**	**7888**	**88**			**8**		24	**24**	**864**	**864**	**363.4**	**331.4**	**367.8**	**132.8**							5	19		
+	B1.O0.01.01	**Optional module 1. Soil resource management**	**B1.V**	**7888**	**88**			**8**		24	**24**	**864**	**864**	**363.4**	**331.4**	**367.8**	**132.8**							5	19		
+	B1.O0.01.01.01	Soils of the region	B1.V	7						5	5	180	180	80.8	78.8	66	33.2							5		16	Agrology and agroecology
+	B1.O0.01.01.02	Land management	B1.V	8				8		5	5	180	180	73.8	71.8	73	33.2								5	16	Agrology and agroecology
+	B1.O0.01.01.03	Agrochemical and agroecological assessment of soils	B1.V	8						4	4	144	144	60.8	58.8	50	33.2								4	16	Agrology and agroecology
+	B1.O0.01.01.04	The adaptive-landscape system of agriculture	B1.V	8						4	4	144	144	58.8	56.8	52	33.2								4	16	Agrology and agroecology
+	B1.O0.01.01.05	Soil remediation	B1.V		8					3	3	108	108	44.6	32.6	63.4									3	16	Agrology and agroecology
+	B1.O0.01.01.06	Soil erosion	B1.V		8					3	3	108	108	44.6	32.6	63.4									3	16	Agrology and agroecology
-	B1.O0.01.02	**Optional module 2. Agroecology**	**B1.V**	**7888**	**88**			**8**		24	**24**	**864**	**864**	**363.4**	**331.4**	**367.8**	**132.8**							5	19		
-	B1.O0.01.02.01	Ecological research methods	B1.V	7						5	5	180	180	80.8	78.8	66	33.2							5		16	Agrology and agroecology
-	B1.O0.01.02.02	Environmental protection and environmental expertise	B1.V	8				8		5	5	180	180	73.8	71.8	73	33.2								5	16	Agrology and agroecology
-	B1.O0.01.02.03	Agro-ecological problems of landscape design	B1.V	8						4	4	144	144	60.8	58.8	50	33.2								4	16	Agrology and agroecology
-	B1.O0.01.02.04	Agroecological monitoring	B1.V	8						4	4	144	144	58.8	56.8	52	33.2								4	16	Agrology and agroecology
-	B1.O0.01.02.05	Forestry and agroforestry	B1.V		8					3	3	108	108	44.6	32.6	63.4									3	16	Agrology and agroecology
-	B1.O0.01.02.06	Processing and use of agricultural waste	B1.V		8					3	3	108	108	44.6	32.6	63.4									3	16	Agrology and agroecology
										46	*46*	*1656*	*1656*	*762*	*692*	*685.8*	*208.2*	*3*	*5*	*4*		*4*		*11*	*19*		
										195	*195*	*7020*	*7020*	*3256*	*2988*	*2702.2*	*1061.8*	*27*	*24*	*23*	*28*	*26*	*19*	*26*	*22*		
Box 2.Practice																											
Mandatory part																											
+	B2.O. 01	**Study practice**	**B2.O**			**224**				18	**18**	**648**	**648**	**648**	**648**				9		9						
+	B2.O.01.01	**Introductory practice**	**B2.O**			**22**				9	**9**	**324**	**324**	**324**	**324**				9								
+	B2.O. 01.01.01.01(Study Practice)	Section 1 "Fundamentals of agronomy"	B2.O			2				3	3	108	108	108	108				3							14	Agronomy
+	B2.O. 01.01.02(Study Practice)	Section 2 "Botany and introduction into the profession"	B2.O			2				6	6	216	216	216	216				6							16	Agrology and agroecology
+	B2.O. 01.02(Study practice)	Technological practice	B2.O			4				9	9	324	324	324	324						9					16	Agrology and agroecology
+	B2.O. 02	**Industrial placement**	**B2.O**			**68**				21	**21**	**756**	**756**	**756**	**756**								15		6		
+	B2.O. 02.01(Industrial)	Technological practice	B2.O			6				15	15	540	540	540	540								15			16	Agrology and agroecology
+	B2.O.02.02(Scientific research-SR)	Research work	B2.O			8				6	6	216	216	216	216										6	16	Agrology and agroecology
										39	*39*	*1404*	*1404*	*1404*	*1404*				*9*		*9*		*15*		*6*		
										39	*39*	*1404*	*1404*	*1404*	*1404*				*9*		*9*		*15*		*6*		
Box 3.State final attestation																											
+	B3.01	Writting and defence of final qualifying project (thesis)	B3							6	6	216	216				216								6	16	Agrology and agroecology
										6	*6*	*216*	*216*				*216*								*6*		
										6	*6*	*216*	*216*				*216*								*6*		
OC.Optional courses																											

-	-	-	-	Form of control						number of credits		Total number of acad.hours						1st year		2nd Year		3rd Year		4th Year		Responsible academic department	
																		1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester	7th semester	8th semester		
To consider in the plan	Index	Name	Box/part	Examination	Credit	Graded test	Term project	Course work	Review work	Expert	Fact	Expert	According to plan	Auditorium hours	AUD.	Solo work	Rewiew work	number of credits	number of credits	number of credits	number of credits	number of credits	number of credits	number of credits	number of credits	Code	Name
+	OC.01	Research seminar	OC		5					2	2	72	72	30.6	30.6	41.4						2					
+	OC.02	Information and bibliographic culture	OC		3					2	2	72	72	16.6	16.6	55.4				2							
										4	*4*	*144*	*144*	*47.2*	*47.2*	*96.8*				*2*		*2*					
										4	*4*	*144*	*144*	*47.2*	*47.2*	*96.8*				*2*		*2*					
Elective disciplines (modules) on physical culture and sport (ED on Ph C and S)																											
+	ED on Ph C and S..01	**Module "Physical culture and sport" (V)**	**OC on Ph C and S.**		**123456**							**330**	**330**	**330**	**330**												
+	ED on Ph C and S..01.01	Practical training in physical culture and sports (elective courses)	OC on Ph C and S.		123456							330	330	330	330											74	Physical culture
												330	*330*	*330*	*330*												
												330	*330*	*330*	*330*												