

№ in order	Name of disciplines, practices, State Final Examination	Form of final control by semesters													Hours														hours in week								Credit points								
		Examinations						Graded test ("-" - simple)						State Examination	Total for education	of them						Hours for preparation and examinations	Coursework and test papers	Distribution by courses and semesters								TOTAL HOURS	Total	Basic	Elective										
		Distribution by courses and semesters														1 course		2 course		3 course				4 course																					
		1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	Total classroom sessions	Lectures	Laboratory classes	Practical lessons, seminars, exercises, etc.	Practice	Independent study	1 sem. 15 weeks	2 sem. 15 weeks	3 sem. 15 weeks	4 sem. 15 weeks	5 sem. 15 weeks	6 sem. 15 weeks	7 sem. 15 weeks	8 sem. 15 weeks					lec	lab	ser	lec	lab	ser	lec	lab	ser	lec
1	2	3						4						5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22					23	24	25	26						
Б.1.18	Python Programming/Программирование на языке Python									3						90	30		30			60											90	2	2										
Б.1.В.13	Biostatistics/Биостатистика													7	90	30				30		60								2			90	2		2									
	Department Courses/Факультетские дисциплины														1 545	900	300	480	120		645	210	10									1 755	39	23	16										
	Chemistry/Химия														435	240	60	120	60		195	60	6									495	11	11											
Б.1.19	General Chemistry/Общая химия		3							3					195	120	30	60	30		75	30	2			2	4	2				225	5	5											
Б.1.20	Organic Chemistry/Органическая химия			4							4				240	120	30	60	30				4				2	4	2			270	6	6											
	Biology/Биология														1 110	660	240	360	60		450	150	4								1 260	28	12	16											
Б.1.21	General Biology/Общая биология									3					195	120	60	60		75	30	4									225	5	5												
															90	60	30	30		30		2								90	2	2													
				4											105	60	30	30				45	30	2				2	2		135	3	3												
															285	180	60	120				105	30								315	7	7												
															135	90	30	60				45					2	4		135	3	3													
					6										150	90	30	60				60	30							180	4	4													
Б.1.В.14	Bioorganic Chemistry/Биоорганическая химия														240	120	60	60				120	30							270	6		6												
															45	30	30				15								45	1	1	1													
															195	90	30	60				105	30							225	5	5													
Б.1.В.15	Developmental Biology/Биология развития						7								195	120	30	60	30				75	30						2		225	5	5											
Б.1.В.16	General Genetics/Общая генетика														195	120	30	60	30				75	30						2	4	2	225	5	5										
Б.1.В.17	Fundamentals of Toxicology/Основы токсикологии										5				90	60	30		30				30				2	2			90	2	2												
Б.1.В.18	Molecular Biology/Молекулярная биология														180	90	30		60				90								180	4	4												
															90	30			30				60							90	2	2													
															90	60	30		30				30							90	2	2													
Б.1.В.19	Immunology/Иммунология														90	30	30						60						2	2	90	2	2												
	Core science/Профильные дисциплины														450	180	60		120				270	90							540	12	12												
Б.1.В.20	Physiology/Физиология														90	30	30						60							2		90	2	2											
Б.1.В.21	Evolutionary Biology/Эволюционная биология														60	30	30						30	30							90	2	2												
Б.1.В.22	Microbiology/Микробиология						7								150	60			60				90	30						4		180	4	4											
Б.1.В.23	Pathophysiology/Патофизиология														105	30			30				75	30							2	135	3	3											
	Elective Set of Courses 1/Блок дисциплин по выбору 1														45	30			30				15								45	1	1												
Б.1.В.24	Virology/Вирусология														45	30							15								45	1	1												
Б.1.В.25	Bioinformatics&System Biology/Биоинформатика и системная биология														45	30			30				15								2	45	1	1											
Б.2	Practice/Практика														1 935							1 935									1 935	43	16	27											
	Industrial Practice/Производственная практика														720							720									720	16	16												
Б.2.1	Personal Research Project/Научно-исследовательская работа														720							720									720	16	16												
															360							360									360	8	8												
															360							360									360	8	8												
Б.2.2	Educational Practice/Учебная практика														1 215							1 215									1 215	27	27												

