

Name	Form of assessment							Credits	Total academic hours					Year 1		Year 2		Year 3		Year 4		Year 5		Year 6		Assigned department		
	Exam-ination	Pics/ fail test	Pics/ fail exam with a grade	Term project	Course work	Module test	Calculation and graphic work		Fact	As scheduled	Work with a teacher	Class-room	Self-study	Control	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Code	Name
															Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8	Semester 9	Semester A	Semester B	Semester C		
Unit 1. Disciplines (modules)								297	10692	5183.45	4046	4275.55	1233	26	30	29	28	27	25	30	29	30	32	11				
Core part								265	9540	4621.55	3604	3820.45	1096	24	30	29	28	25	19	26	25	27	24	8				
Module "Humanitarian module"		233	28					19	684	322	204	418.25	33.75	4	6	6								3				
Philosophy			2					3	108	36.15	34	71.85			3										72	Department of Philosophy and Cultology		
History (History of Russia, general history)								4	144	52.25	34	57	33.75	4											71	Department of History		
Law		2						3	108	36.15	34	71.85		3											73	Department of Social sciences, pedagogy and law		
Economics		3						3	108	36.15	34	71.85			3										51	Department of Economics and Finance		
Basics of project management			B					3	108	36.15	34	73.85												3	52	Department of Management		
Personal psychology		3						3	108	36.15	34	71.85			3										73	Department of Social sciences, pedagogy and law		
Module "Basics of business communications"		1223						12	432	210.85	153	187.4	33.75	2	5	2	3											
Russian language and culture of speech		2						3	108	36.15	17	88.85														55	Department of Russian language	
Foreign language	4	123						9	324	104.7	136	98.55	33.75	2	2	2	3									45	Department of Foreign languages	
Module "Physical education and sport"		13						2	72	34.3	34	37.7		1		1												
Basics of PE		1						1	36	18.15	18	17.85		1												56	Department of Physical education	
Physical self-perfection		3						1	36	18.15	16	19.85			1											56	Department of Physical education	
Module "Mathematical sciences"		1256	456	147				55	38	1368	605.9	544	627.1	135	9	5	1	9	6	7	2							
Information and coding theory		6	7					5	180	121.3	102	58.7							3	2						14	Department of Information security	
Algebra and geometry	1							5	180	82.25	68	59	33.75	5												13	Department of Applied mathematics and information technologies	
Mathematical analysis		2	1					9	324	142.4	136	147.85	33.75	4	5											13	Department of Applied mathematics and information technologies	
Discrete mathematics			4					6	216	70.15	68	145.85														13	Department of Applied mathematics and information technologies	
Probability theory and mathematical statistics	5	4						5	6	216	109.4	102	72.85	33.75					3	3						13	Department of Applied mathematics and information technologies	
Mathematical models in information security	6	5						5	7	252	75.4	68	142.85	33.75						3	4					13	Department of Applied mathematics and information technologies	
Module "Physico-technical basis of information technologies"		12233	4567	11		6		347	41	1476	777.55	663	394.7	303.75	8	10	7	3	4	4	5							
Physics		123						3	12	432	217.75	204	113	101.25	3	5	4									25	Department of Physics	
Informatics	2	1						8	288	192.4	136	61.85	33.75	3	5											13	Department of Applied mathematics and information technologies	
Electronics and circuitry		4						4	3	108	56.25	51	18	33.75				3								11	Department of Production processes automation	
Engineering graphics		1						2	72	36.15	34	35.85		2												32	Department of Production equipment engineering	
Organization of electronic computers and computing systems	56			6				8	288	148.5	136	72	67.5						4	4						14	Department of Information security	
Networks and information transmission systems	7							7	5	180	88.25	68	58	33.75						5						14	Department of Information security	
Integrated security systems	3							3	108	38.25	34	36	33.75													14	Department of Information security	
Module "Information technologies and programming"		34578	23467	569	7	345A		64	2204	1333.7	935	767.8	202.5		4	9	10	10	8	9	5	4	5					
Programming languages	3	2			3			9	324	195.4	136	94.85	33.75		4	5										14	Department of Information security	
Techniques and methods of programming	4	3			4			9	324	195.4	136	94.85	33.75			4	5									14	Department of Information security	
Operating systems security	5	4			5			10	360	195.4	136	130.85	33.75				5	5								14	Department of Information security	
Computer network security	5	4		7				10	360	196.4	136	128.85	33.75						5	5						14	Department of Information security	
Database system security	8	7						9	324	192.4	136	97.85	33.75						4	5						14	Department of Information security	
Web technologies	6							3	108	68.15	51	39.85							3							14	Department of Information security	
Scripting programming languages	A		5					5	180	95.15	68	84.85							5							14	Department of Information security	
Programming information security tools	A		9			A		9	324	195.4	136	94.85	33.75										4	5		14	Department of Information security	
Life safety	4							3	108	51.15	34	56.85				3										43	Section of protection in emergencies	
Module "Methods and means of ensuring information security of automated systems"		58889	99A	78	3778	99		8	60	2160	956.9	731	915.1	288					4	3	5	10	20	15	6			
Basics of information security			3					4	144	51.15	34	92.85														14	Department of Information security	
Organizational and legal support of information security	5							5	180	63.25	34	83	33.75						5							14	Department of Information security	
Protection of information from leakage through technical channels	8	7						7	252	138.4	102	79.85	33.75						3	4						14	Department of Information security	
Methods and means of cryptographic information protection	8	7						8	288	138.4	102	115.85	33.75							4	4					14	Department of Information security	
Software and hardware information protection	9	8	9					9	324	146.4	136	134.85	42.75									4	5			14	Department of Information security	
Information security management	9							6	216	97.25	68	76	42.75										6			14	Department of Information security	
Development and operation of automated systems in a secure design	9	8		9				8	288	112.4	102	141.85	33.75								4	4				14	Department of Information security	
Engineering and technical security of objects with the processing of confidential information	8	7					8	7	252	139.4	102	78.85	33.75						3	4						14	Department of Information security	
Information security audit	A							6	216	70.25	51	112	33.75													14	Department of Information security	
Major courses		AAB	9	9A	B			26	936	419.2	306	415.55	101.25									8	13	5				
Information security of open information systems	A		9					9	324	138.4	102	151.85	33.75										4	5		14	Department of Information security	
Design of open systems in a secure execution	B		A	B				9	324	142.4	102	147.85	33.75										4	5		14	Department of Information security	
Technology for building secure applications for open systems	A		9					8	288	138.4	102	115.85	33.75									4	4	4	5	14	Department of Information security	
Part, formed by the educational process participants								32	1152	551.9	442	455.1	135	2					2	6	4	4	3	8	3			
Introduction to profession		1						2	72	36.15	34	35.85														14	Department of Information security	
Computer networks	6	5						5	180	121.4	85	24.85	33.75						2	3						14	Department of Information security	
Scientific research			6					3	108	51.15	34	56.85								3						14	Department of Information security	
Development of project documentation for information systems			B					3	108	36.15	34	71.85													3	14	Department of Information security	
Protection of electronic document management	A							4	144	52.25	51	55	33.75												4	14	Department of Information security	
Theoretical foundations of computer security	7							4	144	104.25	85	6	33.75							4						14	Department of Information security	
Elective courses								4	144	68.15	51	75.85										4						
Application packages	4							4	144	68.15	51	75.85														14	Department of Information security	
Computer-aided design systems	4			8				4	144	68.15	51	75.85										4				14	Department of Information security	
Elective courses		9						3	108	38.25	34	36	33.75											3				
Expert systems	9							3	108	38.25	34	36	33.75													14	Department of Information security	
State information systems	9							3	108	38.25	34	36	33.75												3	14	Department of Information security	
Elective courses				A				4	144	51.15	34	92.85																
Protection systems against leakage of confidential information				A				4	144	51.15	34	92.85														4	14	Department of Information security
Artificial intelligence systems in information security				A				4	144	51.15	34	92.85														4	14	Department of Information security
Unit 2. Practical training																												