

№	List of disciplines of the Department of Computer Sciences Educational program 122 - Computer science; 125 - Cyber security engineering
	First (bachelor's) level of higher education
	Mandatory
1	Discrete structures 122, 125
2	Computer graphics and visualization 122, 125
3	Computer analysis 122
4	Mathematical methods of operations research and decision-making 122
5	Theory of algorithms 122, 125
6	WEB technology 122
7	Software development technology 122
8	Fundamental principles of software development 122, 125
9	Information management and information security 122, 125
10	IT project management 122
11	Basic system principles and intelligent systems 122
12	Methods and systems of artificial intelligence 122
13	Computer architecture and distributed systems 122, 125
14	Systems modeling 122
15	Geometric CAD models 122
16	Algorithmization and programming 122, 125
17	CAD / CAM / CAE light industry systems 122
	Selective
18	Basics of Web-design 122, 125
19	Automated design of production processes 122
	The second (master's) level of higher education
	Mandatory
20	Information system data storage and analysis 122
21	Distributed computer systems and networks 122
22	Mathematical modeling of systems and technological processes 122
23	Operations research 122
	Selective
24	Logical foundations of CAD construction and functioning 122
	The third (educational and scientific) level of higher education
	Mandatory
25	Mathematical modeling of complex processes and structural objects 122
26	Multi-parametric optimization of complex processes and structures 122
	Selective
27	Automated design of light industry products 122