



Length of Programme: 4 years
 Years of Study: 2022/2023 - 2025/2026
 Mode of Study: Full Time
 Degree: Bachelor's degree

Block Code	Course	Subject type	Department	Credits	Total Academic Hours	Contact Hours	Allocation of Contact Hours				Additional Information
							1	2	3	4	
Degree Programme				63,00	2 556	1 026	196	182	334	308	
Data Culture						6			2		
1	External Examinations on Digital Skills. Entry-level	C	отдел развития цифровых компетенций			2		2A			
2	External Examinations on Digital Skills. Intermediate Level	C	отдел развития цифровых компетенций			2				2A	
3	Independent Programming Test. Intermediate	C	отдел развития цифровых компетенций			2			2A		Online Course
Major				47,00	1 786	800	144	130	274	250	
Core Professional Block (Major)				28,00	1 064	546	112	98	176	160	
1	Fourier Analysis	C	Faculty of Mathematics	5,00	190	104			54	50A	
2	Smooth Manifolds	C	Faculty of Mathematics	8,00	304	180	40	34A	56	50A	
3	Differential Equations	C	Faculty of Mathematics	5,00	190	76	40	36A			
4	Measure and Integral	C	Faculty of Mathematics	5,00	190	60	32	28A			
5	Theory of Complex Functions	C	Faculty of Mathematics	5,00	190	126			66	60A	
Elective Professional Block (Major)				19,00	722	254	32	32	98	90	
Elective courses from the general faculty list and/or NISA from the Cadaver of faculty disciplines, projects				9,00	342	74	16	16	22	20	
1	-	E		9,00	342	74	16A	16A	22A	20A	
Курсы по выбору из списка				5,00	190	74	16	16	22	20	
1	Algebra	E	Faculty of Mathematics	5,00	190	60	32	28A			
2	Introduction into Python	E	Department of Big Data and Information Retrieval	5,00	190	26	12	14A			Online Course
Elective Research Seminars/Elective Courses				5,00	190	106			54	50	
1	Logic and Algorithms	E	Faculty of Mathematics	5,00	190	106			56	50A	
2	Mechanics	E	Faculty of Mathematics	5,00	190	104			54	50A	
Minor				10,00	380	74	16	16	22	20	
1	Minor	C		10,00	380	74	16	16A	22	20A	

English											
Optional Courses											
1	English Language	O		6,00	228	104	28	32	44A		Foreign language, Credits only to the cumulative rating
General Courses				1,00	200	144	36	36	36	36	
Core General Courses				1,00	200	144	36	36	36	36	
1	Physical Training	C	Department of Physical Training	1,00	200	144	36	36	36	36A	
Internship				5,00	190	2				2	
Research Internship				5,00	190	2				2	
1	Term Paper	C		5,00	190	2				2A	

Curriculum agreed:

Academic Supervisor	KLIMENKO A.V.	27.04.2023
Dean	SKRIPCHENKO A.S.	28.04.2023
Head of Centre for Educational Model Design	LEPESHKIN I.A.	03.05.2023

* Subject type:

Compulsory course
 Elective course
 Optional course

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