



National Research University Higher School of Economics (HSE)

Curriculum

Field of study 01.04.02 Applied Mathematics and Informatics
Educational Programme "Applied Artificial Intelligence Models"

Trajectories: "Applied Artificial Intelligence Models"

Implementing unit: Tikhonov Moscow Institute of Electronics and
Mathematics, HSE - Moscow

2 nd, 2024/2025 academic year

APPROVED

11.03.2024

Vice Rector
ROSHCHIN S.Y.

Signed with EDS

Length of Programme: 2 years

Years of Study: 2023/2024 - 2024/2025

Mode of Study: Full Time

Degree: Master's degree / MBA

Block Code	Course	Subject type	Department	Credits	Total Academic Hours	Contact Hours	Allocation of Contact Hours				Additional Information
							1	2	3	4	
Degree Programme				60,00	2 280	236	72	110	50	4	
Applied Artificial Intelligence Models (Applied track)				60,00	2 280	236	72	110	50	4	
Major				24,00	912	192	62	98	32		
Дисциплины по выбору студента				6,00	228	32	16	16			
1	Introduction to Deep Learning in NLP	E	School of Linguistics	6,00	228	48	24	24A			Foreign language
2	Basics of cybersecurity	E	Department of Applied Mathematics	6,00	228	30	16	14A			Online Course
Обязательные дисциплины программы				18,00	684	160	46	82	32		
1	Speech and Natural Language Processing	C	Department of Applied Mathematics	6,00	228	60		28	32A		
2	Modern data storage technologies	C	Department of Applied Mathematics	6,00	228	40	18	22A			
3	Advanced Programming in Python	C	Department of Applied Mathematics	6,00	228	60	28	32A			
Final State Certification (FSC)				3,00	114	2				2	
1	Final Qualification Paper	C		3,00	114	2				2A	
Key Seminars				6,00	228	36	10	12	14		
1	Applied Artificial Intelligence Models	C	Department of Applied Mathematics	6,00	228	36	10A	12	14A		
Magolego				6,00	228						
1	All-university Pool MAGOLEGO Courses	E		6,00	228						
Internship				21,00	798	6			4	2	
Research Internship				9,00	342	2				2	
1	Graduation Thesis	C		9,00	342	2				2	
Project Internship				3,00	114	2			2		

