



National Research University Higher School of Economics (HSE)

Curriculum
 Field of study 37.04.01 Psychology
 Educational Programme "Cognitive Sciences and Technologies:
 From Neuron to Cognition"
 Trajectories: "Cognitive Sciences and Technologies"
 Implementing unit: Institute for Cognitive Neuroscience, HSE -
 Moscow
 1 st, 2022/2023 academic year

APPROVED
 27.05.2022
 Vice Rector
 ROSHCHIN S.Y.
 Signed with EDS

Length of Programme: 2 years
 Years of Study: 2022/2023 - 2023/2024
 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	562	102	162	182	116	
Cognitive Sciences and Technologies (Research track)				60,00	2 280	562	102	162	182	116	
Major				48,00	1 824	468	96	160	140	72	
Elective Courses				6,00	228	40	20	20			
1	Linear Algebra	E	Department of Data Analysis and Artificial Intelligence	6,00	228	40	20	20A			Foreign language
2	Some Topics of Calculus, Differential Equations and Nonlinear Dynamics	E	Department of Psychology	6,00	228	40	20	20A			Foreign language
Elective Courses				6,00	228	76			32	44	
1	Visual Perception and Attention	E	Department of Psychology	3,00	114	44				44A	Foreign language
2	Cognitive Neuroscience	E	Department of Psychology	3,00	114	44				44A	Foreign language
3	Mathematical Aspects of EEG and MEG Based Neuroimaging	E	Department of Psychology	3,00	114	56			56A		Foreign language
4	Applied Neuroscience	E	Department of Psychology	3,00	114	32			32A		Foreign language
Compulsory Courses				36,00	1 368	352	76	140	108	28	
1	Introduction to Cognitive Science	C	Department of Psychology	6,00	228	56	28	28A			Online Course, Foreign language
2	Qualitative and Quantitative Research Methods in Psychology	C	Department of Psychology	6,00	228	72		32	40A		Foreign language
3	Calculus	C	Department of Data Analysis and Artificial Intelligence	6,00	228	40	20	20A			Foreign language
4	Multimodal Neuroimaging Part 1	C	Department of Psychology	6,00	228	56			28	28A	Foreign language
5	Neuroscience	C	Department of Psychology	6,00	228	72		32	40A		Foreign language
6	Theory and Methodology of Modern Psychology	C	Department of Psychology	6,00	228	56	28	28A			Foreign language

	Key Seminars			8,00	304	92	6	2	42	42	
	Research seminar			6,00	228	80			40	40	
1	Research Seminar "Cognitive Sciences"	E	Department of Psychology	6,00	228	80	20	20	20	20A	Foreign language
	Mentor's Seminar			2,00	76	12	6	2	2	2	
1	Mentor's Seminar	C	Department of Psychology	2,00	76	12	6	2	2	2A	Foreign language
	Internship			4,00	152	2				2	
	Research Internship			4,00	152	2				2	
1	Term Paper	C		4,00	152	2				2A	Foreign language

Curriculum agreed:

Academic Supervisor ZINCHENKO O.O. 21.05.2022

Dean KLUCHAREV V.A. 23.05.2022

Head of Degree Programmes Development Office MAMONOVA M.A. 24.05.2022

* Subject type:

Compulsory course

C

Elective course

E