



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 37.04.01 Psychology,
44.04.01 Pedagogy

Educational Programme "Science of Learning and Assessment"
Trajectories: "Cognitive Development", "Measurement and Assessment"
Implementing unit: Institute of Education, HSE - Moscow

APPROVED
08.06.2022

Vice Rector

ROSHCHIN S.Y.
Signed with EDS

Years of Study: 2022/2023 - 2023/2024

Length of Programme: 2 years

Mode of Study: Full Time

Degree: Master's degree / MBA

Block Code	Course	Subject type	Credits	Credits by Years		Planned Educational Programme Development Results
				1	2	
	Degree Programme		120,00	60,00	60,00	
	Cognitive Development (Research track)		120,00	60,00	60,00	
	Key Seminars		19,00	11,00	8,00	
1	Research Seminar "Science of Learning and Assessment" (offered in a foreign language)	C	15,00	9,00	6,00	GPC-1.PSY, PC-1, UC-1
2	Mentor's Seminar "Cognitive Development" (offered in a foreign language)	C	4,00	2,00	2,00	GPC-1.PSY, PC-1, UC-1
	Internship		29,00	7,00	22,00	
	Project Internship		6,00	3,00	3,00	
1	Project (offered in a foreign language)	C	6,00	3,00	3,00	GPC-3.PSY, PC-1, PC-3, PC-7, UC-2, UC-3, UC-4, UC-5, UC-6
	Professional Internship		3,00		3,00	
1	Work Experience Internship (offered in a foreign language)	C	3,00		3,00	GPC-10.PSY, GPC-2.PSY, GPC-3.PSY, GPC-6.PSY, GPC-9.PSY, PC-2, PC-7, PC-9, UC-2
	Research Internship		20,00	4,00	16,00	
1	Term Paper	C	4,00	4,00		GPC-1.PSY, GPC-2.PSY, PC-1, PC-4, UC-1
2	Preparation of the Graduation Thesis (offered in a foreign language)	C	16,00		16,00	GPC-1.PSY, GPC-4.PSY, GPC-5.PSY, PC-1, PC-4, UC-1, UC-6
	Major		60,00	39,00	21,00	
	Core Courses		42,00	39,00	3,00	

1	Psychometric Theories and Analysis of Test Items (offered in a foreign language)	C	6,00	6,00		GPC-3.PSY, GPC-4.PSY, PC-3, PC-5, PC-8, UC-1, UC-6
2	Statistics I (offered in a foreign language)	C	6,00	6,00		GPC-1.PSY, GPC-2.PSY, GPC-3.PSY, PC-1, PC-4, UC-1, UC-6
3	Methodology of Measurement in Psychology and Education (offered in a foreign language)	C	6,00	6,00		GPC-1.PSY, GPC-2.PSY, GPC-3.PSY, GPC-4.PSY, PC-1, PC-2, PC-4, PC-8, UC-1, UC-2, UC-6
4	Test and Questionnaire Development in Psychology and Education (offered in a foreign language)	C	6,00	6,00		GPC-3.PSY, GPC-4.PSY, GPC-5.PSY, PC-1, PC-5, UC-2
5	Machine Learning I (offered in a foreign language)	C	3,00	3,00		GPC-3.PSY, PC-2, PC-7, UC-1
6	Qualitative and Quantitative Research Methods in Psychology (offered in a foreign language)	C	3,00	3,00		GPC-3.PSY, PC-1, PC-3, UC-1, UC-3
7	Developmental Science (offered in a foreign language)	C	9,00	6,00	3,00	GPC-1.PSY, PC-1, PC-3, PC-5, UC-4
8	Intro to Programming in Python (offered in a foreign language)	C	3,00	3,00		GPC-3.PSY, PC-2, PC-7, UC-6
Elective Courses			18,00		18,00	
1	Cognitive development (offered in a foreign language)	E	3,00		3,00	GPC-3.PSY, PC-3, PC-5, UC-1
2	Advanced Developmental Methods (offered in a foreign language)	E	6,00		6,00	GPC-1.PSY, GPC-3.PSY, PC-3, PC-4, PC-5, PC-8, UC-1, UC-6
3	Test development II (offered in a foreign language)	E	3,00		3,00	GPC-3.PSY, GPC-7.PSY, PC-11, UC-2, UC-3
4	Psychometrics and Statistics II (offered in a foreign language)	E	6,00		6,00	GPC-3.PSY, GPC-4.PSY, PC-7, PC-8, UC-1, UC-3
5	Machine Learning II (offered in a foreign language)	E	3,00		3,00	GPC-3.PSY, PC-2, PC-7, UC-1
Magolego			9,00	3,00	6,00	
1	All-university Pool MAGOLEGO Courses (offered in a foreign language)	E	9,00	3,00	6,00	GPC-1.PSY, GPC-10.PSY, GPC-2.PSY, GPC-3.PSY, GPC-4.PSY, GPC-5.PSY, GPC-6.PSY, GPC-7.PSY, GPC-8.PSY, GPC-9.PSY, PC-1, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
Final State Certification (FSC)			3,00		3,00	
1	Final Qualification Paper (offered in a foreign language)	C	3,00		3,00	GPC-1.PSY, GPC-3.PSY, PC-1, PC-2, PC-3, PC-4, UC-2, UC-4, UC-6
Measurement and Assessment (Research track)			120,00	63,00	57,00	
Key Seminars			19,00	11,00	8,00	
1	Mentor's Seminar "Science of Learning and Assessment" (offered in a foreign language)	C	4,00	2,00	2,00	GPC-1.PSY, PC-4, UC-1, UC-6
2	Research Seminar "Science of Learning and Assessment" (offered in a foreign language)	C	15,00	9,00	6,00	GPC-1.PSY, PC-1, UC-1
Internship			26,00	4,00	22,00	

	Project Internship		3,00		3,00	
1	Project	C	3,00		3,00	GPC-3.PSY, PC-1, PC-3, PC-7, UC-2, UC-3, UC-4, UC-5, UC-6
	Professional Internship		4,00		4,00	
1	Work Experience Internship	C	4,00		4,00	GPC-1.PED, GPC-2.PED, GPC-3.PED, GPC-4.PED, GPC-5.PED, GPC-6.PED, GPC-7.PED, GPC-8.PED, PC-12, PC-13, PC-14, PC-15, PC-16, PC-17, PC-18, PC-25, PC-26, UC-2, UC-3
	Research Internship		19,00	4,00	15,00	
1	Term Paper	C	4,00	4,00		GPC-1.PSY, GPC-2.PSY, PC-1, PC-4, UC-1
2	Preparation of the Graduation Thesis	C	15,00		15,00	GPC-1.PSY, GPC-4.PSY, GPC-5.PSY, PC-1, PC-4, UC-1, UC-6
	Major		63,00	45,00	18,00	
	Обязательные дисциплины программы		54,00	42,00	12,00	
1	Creating a Personalized Learning Environment in the Classroom (offered in a foreign language)	C	3,00		3,00	GPC-4.PED, GPC-8.PED, PC-15, PC-16, PC-22, PC-24, UC-1, UC-5
2	Instructional Design	C	6,00	6,00		GPC-1.PED, GPC-2.PED, GPC-3.PED, GPC-5.PED, GPC-6.PED, GPC-7.PED, GPC-8.PED, PC-12, PC-13, PC-14, PC-18, PC-19, PC-20, PC-21, PC-22, PC-23, UC-1, UC-2, UC-3
3	Human Development and Education	C	6,00	6,00		GPC-3.PED, GPC-6.PED, PC-17, PC-18, PC-21, UC-1, UC-4
4	Psychometric Theories and Analysis of Test Items (offered in a foreign language)	C	6,00	6,00		GPC-3.PSY, GPC-4.PSY, PC-3, PC-5, PC-8, UC-1, UC-6
5	Methodology of Measurement in Psychology and Education (offered in a foreign language)	C	6,00	6,00		GPC-1.PSY, GPC-2.PSY, GPC-3.PSY, GPC-4.PSY, PC-1, PC-2, PC-4, PC-8, UC-1, UC-2, UC-6
6	Test and Questionnaire Development in Psychology and Education (offered in a foreign language)	C	6,00	6,00		GPC-3.PSY, GPC-4.PSY, GPC-5.PSY, PC-1, PC-5, UC-2
7	Statistics I (offered in a foreign language)	C	6,00	6,00		GPC-1.PSY, GPC-2.PSY, GPC-3.PSY, PC-1, PC-4, UC-1, UC-6
8	Key Competences and New Literacy	C	6,00		6,00	GPC-1.PED, GPC-2.PED, GPC-3.PED, GPC-5.PED, GPC-6.PED, GPC-7.PED, GPC-8.PED, PC-12, PC-13, PC-14, PC-18, PC-19, PC-20, PC-21, PC-22, PC-23, UC-1, UC-2, UC-3, UC-4
9	Developmental Science (offered in a foreign language)	C	9,00	6,00	3,00	GPC-1.PSY, PC-1, PC-3, PC-5, UC-4
	Elective Courses		9,00	3,00	6,00	
1	Cognitive development (offered in a foreign language)	E	3,00		3,00	GPC-3.PSY, PC-3, PC-5, UC-1

2	Test development II (offered in a foreign language)	E	3,00		3,00	GPC-3.PSY, GPC-5.PSY, PC-11, UC-2, UC-3
3	Qualitative Methods for Collecting and Analysing Data	E	3,00		3,00	GPC-3.PSY, PC-1, PC-3, UC-1, UC-3
4	Typical and Atypical Development	E	3,00		3,00	GPC-3.PSY, PC-3, PC-5, UC-1, UC-3
5	Contemporary Learning Theories	E	3,00	3,00		GPC-2.PED, GPC-4.PED, GPC-8.PED, PC-12, PC-14, PC-15, PC-16, PC-20, PC-21, PC-22, PC-24, UC-1, UC-5
6	Python for Data Extraction and Processing	E	3,00	3,00		GPC-3.PSY, PC-2, PC-7, UC-6
	Magolego		9,00	3,00	6,00	
1	All-university Pool MAGOLEGO Courses	E	9,00	3,00	6,00	GPC-1.PSY, GPC-10.PSY, GPC-2.PSY, GPC-3.PSY, GPC-4.PSY, GPC-5.PSY, GPC-6.PSY, GPC-7.PSY, GPC-8.PSY, GPC-9.PSY, PC-1, PC-10, PC-11, PC-12, PC-13, PC-14, PC-15, PC-16, PC-17, PC-18, PC-19, PC-2, PC-20, PC-21, PC-22, PC-23, PC-24, PC-25, PC-26, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
	Final State Certification (FSC)		3,00		3,00	
1	Final Qualification Paper	C	3,00		3,00	GPC-1.PSY, GPC-3.PSY, PC-1, PC-2, PC-3, PC-4, UC-2, UC-4, UC-6

Curriculum agreed:

Academic Supervisor	PONOMAREVA A.A.	06.06.2022
Dean	KOBTSEVA A.A.	06.06.2022
Head of Centre for Educational Model Design	LEPESHKIN I.A.	08.06.2022

* Subject type:

Compulsory course	C
Elective course	E