



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 45.04.03 Fundamental and Applied Linguistics

Educational Programme "Language Technology in Business and Education"

Trajectories: "Language Technology in Business", "Language Technology in Education"

Implementing unit: St. Petersburg School of Arts and Humanities, HSE, HSE - Saint Petersburg

Years of Study: 2024/2025 - 2025/2026

Length of Programme: 2 years

Mode of Study: Full Time

Degree: Master's degree / MBA

APPROVED

26.04.2024

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Block Code	Course	Subject type	Credits	Credits by Years		Planned Educational Programme Development Results
				1	2	
	Degree Programme		120,00	60,00	60,00	
	Language Technology in Business (Applied track)		120,00	60,00	60,00	
	Key Seminars		18,00	6,00	12,00	
1	Mentor's Seminar	C	6,00	3,00	3,00	GPC-1.ФАЛ, GPC-4.ФАЛ, PC-11, PC-12, UC-4, UC-5
2	Research and Design Seminar "Language Technology in Business and Education"	C	12,00	3,00	9,00	GPC-2.ФАЛ, GPC-3.ФАЛ, GPC-6.ФАЛ, PC-12, PC-4, PC-5, UC-1, UC-2
	Internship		27,00	9,00	18,00	
	Project Internship		21,00	6,00	15,00	
1	-	C	12,00		12,00	GPC-2.ФАЛ, GPC-4.ФАЛ, PC-1, PC-12, PC-2, PC-5, UC-1, UC-2, UC-6
2	Project	C	9,00	6,00	3,00	GPC-1.ФАЛ, GPC-3.ФАЛ, GPC-6.ФАЛ, PC-3, PC-4, PC-5, PC-6, UC-1, UC-2, UC-3, UC-4
	Professional Internship		6,00	3,00	3,00	
1	Practice in Obtaining Professional Skills and Professional Experience	C	6,00	3,00	3,00	GPC-1.ФАЛ, GPC-5.ФАЛ, GPC-6.ФАЛ, PC-3, PC-4, PC-6, PC-9, UC-2, UC-3, UC-4, UC-6
	Major		63,00	45,00	18,00	
	Elective Disciplines for the Specialization "Language Technology in Business" Year 1		9,00	9,00		
1	Information technology basics	E	3,00	3,00		GPC-1.ФАЛ, GPC-3.ФАЛ, GPC-4.ФАЛ, PC-5, PC-7, UC-1, UC-6

2	Formal Approaches to Natural Language	E	6,00	6,00		GPC-2.ΦΑΛ, GPC-3.ΦΑΛ, GPC-4.ΦΑΛ, PC-12, PC-4, UC-1, UC-6
3	Mathematical Foundations of Natural Language Research	E	6,00	6,00		GPC-1.ΦΑΛ, GPC-3.ΦΑΛ, GPC-4.ΦΑΛ, PC-7, UC-1, UC-6
4	Introduction to Linguistics (offered in a foreign language)	E	3,00	3,00		GPC-2.ΦΑΛ, GPC-3.ΦΑΛ, PC-11, PC-5, UC-1, UC-4, UC-5, UC-6
	Compulsory disciplines of the specialization "Language technologies in business"		36,00	36,00		
1	Introduction to Applied Linguistics	C	6,00	6,00		GPC-1.ΦΑΛ, GPC-3.ΦΑΛ, GPC-6.ΦΑΛ, PC-5, PC-7, UC-1, UC-6
2	Introduction to Machine Learning	C	6,00	6,00		GPC-1.ΦΑΛ, GPC-3.ΦΑΛ, GPC-4.ΦΑΛ, PC-13, PC-7, UC-1, UC-6
3	Data Base Foundations	C	6,00	6,00		GPC-1.ΦΑΛ, GPC-3.ΦΑΛ, GPC-4.ΦΑΛ, PC-10, PC-13, PC-2, PC-8, UC-1, UC-2, UC-3, UC-6
4	Analysis and visualization of text data	C	6,00	6,00		GPC-1.ΦΑΛ, GPC-3.ΦΑΛ, GPC-4.ΦΑΛ, PC-10, PC-13, PC-2, PC-8, UC-1, UC-3, UC-4, UC-6
5	Functional Approaches to Natural Language (offered in a foreign language)	C	6,00	6,00		GPC-2.ΦΑΛ, GPC-3.ΦΑΛ, GPC-4.ΦΑΛ, PC-12, PC-4, UC-1, UC-6
6	Programming Basics	C	6,00	6,00		GPC-1.ΦΑΛ, GPC-3.ΦΑΛ, GPC-4.ΦΑΛ, PC-13, PC-7, UC-1, UC-2, UC-6
	Elective Disciplines for the Specialization "Language Technology in Business" Year 2		18,00		18,00	
1	Deep Learning	E	6,00		6,00	GPC-1.ΦΑΛ, GPC-3.ΦΑΛ, GPC-6.ΦΑΛ, PC-5, PC-7, PC-8, UC-1, UC-4
2	Ontologies and Semantic Technologies	E	6,00		6,00	GPC-1.ΦΑΛ, GPC-3.ΦΑΛ, GPC-4.ΦΑΛ, PC-12, PC-13, PC-5, UC-1, UC-4, UC-6
3	Speech Technologies	E	6,00		6,00	GPC-1.ΦΑΛ, GPC-3.ΦΑΛ, GPC-6.ΦΑΛ, PC-5, PC-7, UC-1, UC-4
4	Web development basics	E	6,00		6,00	GPC-1.ΦΑΛ, GPC-2.ΦΑΛ, GPC-3.ΦΑΛ, GPC-6.ΦΑΛ, PC-10, PC-8, UC-2, UC-4, UC-6
	Magolego		9,00		9,00	
1	All-university Pool MAGOLEGO Courses	E	9,00		9,00	GPC-4.ΦΑΛ, PC-11, UC-6
	Final State Certification (FSC)		3,00		3,00	
1	Final Qualification Paper	C	3,00		3,00	GPC-2.ΦΑΛ, GPC-4.ΦΑΛ, PC-1, PC-12, PC-2, PC-5, UC-1, UC-4, UC-6
	Language Technology in Education (Applied track)		120,00	60,00	60,00	
	Key Seminars		18,00	6,00	12,00	
1	Research and Design Seminar "Language Technology in Business and Education"	C	12,00	3,00	9,00	GPC-2.ΦΑΛ, GPC-3.ΦΑΛ, GPC-6.ΦΑΛ, PC-12, PC-4, PC-5, UC-1, UC-2

2	Mentor's Seminar	C	6,00	3,00	3,00	GPC-1.ФАЛ, GPC-4.ФАЛ, PC-11, PC-12, UC-4
	Internship		27,00	9,00	18,00	
	Project Internship		21,00	6,00	15,00	
1	-	C	12,00		12,00	GPC-2.ФАЛ, GPC-4.ФАЛ, PC-1, PC-12, PC-2, PC-5, UC-1, UC-4, UC-6
2	Project	C	9,00	6,00	3,00	GPC-1.ФАЛ, GPC-3.ФАЛ, GPC-6.ФАЛ, PC-3, PC-4, PC-5, PC-6, UC-1, UC-2, UC-3, UC-4
	Professional Internship		6,00	3,00	3,00	
1	Practice in Obtaining Professional Skills and Professional Experience	C	6,00	3,00	3,00	GPC-1.ФАЛ, GPC-5.ФАЛ, GPC-6.ФАЛ, PC-3, PC-4, PC-6, PC-9, UC-2, UC-3, UC-4, UC-6
	Major		63,00	45,00	18,00	
	Compulsory Disciplines of the Specialization "Language Technology in Education"		36,00	36,00		
1	Functional Approaches to Natural Language (offered in a foreign language)	C	6,00	6,00		GPC-2.ФАЛ, GPC-3.ФАЛ, PC-12, PC-4, UC-1, UC-6
2	Introduction to Applied Linguistics	C	6,00	6,00		GPC-1.ФАЛ, GPC-3.ФАЛ, GPC-6.ФАЛ, PC-5, PC-7, UC-1, UC-6
3	Introduction to Machine Learning	C	6,00	6,00		GPC-1.ФАЛ, GPC-3.ФАЛ, GPC-4.ФАЛ, PC-13, PC-7, UC-1, UC-6
4	Programming Basics	C	6,00	6,00		GPC-1.ФАЛ, GPC-3.ФАЛ, GPC-4.ФАЛ, PC-13, PC-7, UC-1, UC-2, UC-6
5	Data Base Foundations	C	6,00	6,00		GPC-1.ФАЛ, GPC-3.ФАЛ, GPC-4.ФАЛ, PC-10, PC-13, PC-2, PC-8, UC-1, UC-2, UC-3, UC-6
6	Analysis and visualization of text data	C	6,00	6,00		GPC-1.ФАЛ, GPC-3.ФАЛ, GPC-4.ФАЛ, PC-10, PC-13, PC-2, PC-8, UC-1, UC-3, UC-4, UC-6
	Elective Disciplines for the Specialization "Language Technology in Education" Year 1		9,00	9,00		
1	Information technology basics	E	3,00	3,00		GPC-1.ФАЛ, GPC-3.ФАЛ, GPC-4.ФАЛ, PC-5, PC-7, UC-1, UC-6
2	Formal Approaches to Natural Language	E	6,00	6,00		GPC-2.ФАЛ, GPC-3.ФАЛ, PC-12, PC-4, UC-1, UC-6
3	Mathematical Foundations of Natural Language Research	E	6,00	6,00		GPC-1.ФАЛ, GPC-3.ФАЛ, GPC-4.ФАЛ, PC-7, UC-1, UC-6
4	Introduction to Linguistics (offered in a foreign language)	E	3,00	3,00		GPC-2.ФАЛ, GPC-3.ФАЛ, PC-11, PC-5, UC-1, UC-4, UC-5, UC-6
	Elective Disciplines for the Specialization "Language Technology in Education" Year 2		18,00		18,00	

1	Digital linguodidactics: resources and services	E	6,00		6,00	GPC-1.ФАП, GPC-5.ФАП, PC-1, PC-11, UC-4, UC-6
2	Design and development of automated training systems (ATS) (offered in a foreign language)	E	6,00		6,00	GPC-1.ФАП, GPC-3.ФАП, GPC-6.ФАП, PC-12, PC-13, PC-8, UC-1, UC-2, UC-4
3	Web development basics	E	6,00		6,00	GPC-1.ФАП, GPC-2.ФАП, GPC-3.ФАП, GPC-6.ФАП, PC-10, PC-8, UC-2, UC-4, UC-6
4	Speech Technologies	E	6,00		6,00	GPC-1.ФАП, GPC-3.ФАП, GPC-6.ФАП, PC-5, PC-7, UC-1, UC-4
	Magolego		9,00		9,00	
1	All-university Pool MAGOLEGO Courses	E	9,00		9,00	GPC-4.ФАП, PC-11, UC-6
	Final State Certification (FSC)		3,00		3,00	
1	Final Qualification Paper	C	3,00		3,00	GPC-2.ФАП, GPC-4.ФАП, PC-1, PC-12, PC-4, PC-5, UC-1, UC-4

Curriculum agreed:

Academic Supervisor	KOLMOGOROVA A.V.	25.04.2024
Dean	SELIN A.A.	25.04.2024
Deputy Director	KUZMIN P.V.	25.04.2024
Head of Centre for Educational Model Design	LEPESHKIN I.A.	25.04.2024

* Subject type:

Compulsory course	C
Elective course	E