



National Research University Higher School of Economics (HSE)

Curriculum

Field of study 45.04.03 Fundamental and Applied Linguistics

Educational Programme "Computational Linguistics"

Trajectories: "Applied Computer Linguistics", "Theoretical Studies in Computer Linguistics"

Implementing unit: Faculty of Humanities, HSE - Moscow

1 st, 2022/2023 academic year

APPROVED

16.06.2022

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	
<b>Degree Programme</b>				<b>60,00</b>	<b>2 280</b>	<b>620</b>	<b>118</b>	<b>144</b>	<b>228</b>	<b>132</b>	
<b>Applied Computer Linguistics (Applied track)</b>				<b>60,00</b>	<b>2 280</b>	<b>622</b>	<b>118</b>	<b>144</b>	<b>228</b>	<b>132</b>	
<b>Major</b>				<b>33,00</b>	<b>1 254</b>	<b>380</b>	<b>72</b>	<b>106</b>	<b>146</b>	<b>56</b>	
<b>Дисциплина по выбору</b>				<b>6,00</b>	<b>228</b>	<b>64</b>	<b>32</b>	<b>32</b>			
1	Object-oriented programming in Python	E	School of Linguistics	6,00	228	64	32	32A			Online Course
2	Programming in Python	E	School of Linguistics	6,00	228	64	32	32A			
<b>Дисциплина по выбору</b>				<b>6,00</b>	<b>228</b>	<b>48</b>			<b>24</b>	<b>24</b>	
1	SQL and NoSQL databases	E	School of Linguistics	6,00	228	48			24	24A	Online Course
2	Information systems and databases in the humanities	E	Кафедра гуманитарных дисциплин	6,00	228	52			32	20A	
<b>Общая часть учебного плана</b>				<b>21,00</b>	<b>798</b>	<b>268</b>	<b>40</b>	<b>74</b>	<b>122</b>	<b>32</b>	
1	Corpus Linguistics	C	School of Linguistics	6,00	228	64			32	32A	
2	Mathematical Foundations of Computational Linguistics	C	School of Linguistics	9,00	342	124	40A	42	42A		
3	Formal Approaches to Natural Language	C	School of Linguistics	3,00	114	48			48A		
4	Functional Approaches to Natural Language	C	School of Linguistics	3,00	114	32		32A			
<b>Key Seminars</b>				<b>12,00</b>	<b>456</b>	<b>240</b>	<b>46</b>	<b>38</b>	<b>82</b>	<b>74</b>	
1	Web development basics	C	School of Linguistics	3,00	114	64			32	32A	
2	Research and Design Seminar	C	School of Linguistics	3,00	114	76	16	16	24	20A	
3	Seminar "Actual problems of computational linguistics"	C	School of Linguistics	3,00	114	92	28A	20	24	20A	
4	Mentor's Seminar	C	School of Linguistics	3,00	114	8	2	2	2	2A	
<b>Magolego</b>				<b>12,00</b>	<b>456</b>						

1	All-university Pool MAGOLEGO Courses	E		12,00	456						
	<b>Internship</b>			<b>3,00</b>	<b>114</b>	<b>2</b>				<b>2</b>	
	<b>Professional Internship</b>			<b>3,00</b>	<b>114</b>	<b>2</b>				<b>2</b>	
1	Term Paper	C		3,00	114	2				2A	
	<b>Theoretical Studies in Computer Linguistics (Research track)</b>			<b>60,00</b>	<b>2 280</b>	<b>606</b>	<b>118</b>	<b>144</b>	<b>220</b>	<b>124</b>	
	<b>Major</b>			<b>33,00</b>	<b>1 254</b>	<b>364</b>	<b>72</b>	<b>106</b>	<b>138</b>	<b>48</b>	
	<b>Elective Courses</b>			<b>6,00</b>	<b>228</b>	<b>48</b>			<b>24</b>	<b>24</b>	
1	SQL and NoSQL databases	E	School of Linguistics	6,00	228	48			24	24A	Online Course
2	Information systems and databases in the humanities	E	Кафедра гуманитарных дисциплин	6,00	228	52			32	20A	
	<b>Elective Courses</b>			<b>6,00</b>	<b>228</b>	<b>64</b>	<b>32</b>	<b>32</b>			
1	Object-oriented programming in Python	E	School of Linguistics	6,00	228	64	32	32A			Online Course
2	Programming in Python	E	School of Linguistics	6,00	228	64	32	32A			
	<b>Общая часть учебного плана</b>			<b>21,00</b>	<b>798</b>	<b>252</b>	<b>40</b>	<b>74</b>	<b>114</b>	<b>24</b>	
1	Mathematical Foundations of Computational Linguistics	C	School of Linguistics	9,00	342	124	40A	42	42A		
2	Theory of formal languages for text and communication	C	School of Linguistics	6,00	228	48			24	24A	
3	Formal Approaches to Natural Language	C	School of Linguistics	3,00	114	48			48A		
4	Functional Approaches to Natural Language	C	School of Linguistics	3,00	114	32		32A			
	<b>Key Seminars</b>			<b>12,00</b>	<b>456</b>	<b>240</b>	<b>46</b>	<b>38</b>	<b>82</b>	<b>74</b>	
1	Analysis and visualization of text data	C	School of Linguistics	3,00	114	64			32	32A	
2	Research and Design Seminar	C	School of Linguistics	3,00	114	76	16	16	24	20A	
3	Seminar "Actual problems of computational linguistics"	C	School of Linguistics	3,00	114	92	28A	20	24	20A	
4	Mentor's Seminar	C	School of Linguistics	3,00	114	8	2	2	2	2A	
	<b>Magolego</b>			<b>12,00</b>	<b>456</b>						
1	All-university Pool MAGOLEGO Courses	E		12,00	456						
	<b>Internship</b>			<b>3,00</b>	<b>114</b>	<b>2</b>				<b>2</b>	
	<b>Professional Internship</b>			<b>3,00</b>	<b>114</b>	<b>2</b>				<b>2</b>	
1	Term Paper	C		3,00	114	2				2A	

**Curriculum agreed:**

Academic Supervisor KLYSHINSKIY E.S. 10.06.2022

Dean 13.06.2022

Head of Degree Programmes Development Office LEPESHKIN I.A. 14.06.2022

\* Subject type:

Compulsory course

Elective course

C

E