National Research University Higher School of Economics (HSE)

Curriculum
Field of study 09.04.04 Software Engineering
Educational Programme "System and Software Engineering"
Trajectories: "System and Software Engineering"
Implementing unit: Faculty of Computer Science, HSE - Moscow
1 st, 2023/2024 academic year

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	484	104	124	162	94	
	System and Software Engineering (General track)			60,00	2 280	484	104	124	162	94	
	Major			36,00	1 368	390	72	90	148	80	
	Elective Courses 1st year			3,00	114	42	42				
1	History of Software Engineering	E	Department of Software Engineering	3,00	114	42	42A				
2	Software Engineering Methodology	E	Department of Software Engineering	3,00	114	42	42A				Foreign language
	Compulsory Courses			33,00	1 254	348	30	90	148	80	
1	Applied System Analysis	C	Department of Software Engineering	6,00	228	66		28	38A		Foreign language
2	Advanced Software Design	C	Department of Software Engineering	6,00	228	60	30A	30A			Foreign language
3	Digital Interactive Products Development	C	Department of Software Engineering	6,00	228	56			44	12A	
4	Software Business Management	C	Department of Software Engineering	6,00	228	50			22	28A	Foreign language
5	Formal Methods in Software Engineering	C	Department of Software Engineering	9,00	342	116		32A	44	40A	
	Key Seminars			12,00	456	92	32	34	14	12	
1	Research Seminar "Software Engineering: Development Management"-1	C	Department of Software Engineering	6,00	228	44	22	22A			
2	Mentor's Seminar	C	Department of Software Engineering	6,00	228	48	10	12	14	12A	
	Magolego			6,00	228						
1	All-university Pool MAGOLEGO Courses	E		6,00	228						

	Internship			**6,00**	**228**	**2**				**2**	
	Project Internship			**6,00**	**228**	**2**				**2**	
1	Term Project	C		6,00	228	2				2A	

Curriculum agreed:

Academic Supervisor   24.03.2023

Dean   ARZHANTSEV I.V.   24.03.2023

Head of Centre for
 Educational Model Design   LEPESHKIN I.A.   05.05.2023

* Subject type:
Compulsory course   C
Elective course   E