



National Research University Higher School of Economics (HSE)

Curriculum
 Field of study 04.03.01 Chemistry
 Educational Programme "Chemistry"
 Implementing unit: Faculty of Chemistry, HSE - Moscow
 2 nd, 2023/2024 academic year

APPROVED
 25.04.2023
 Vice Rector
 ROSHCHIN S.Y.
 Signed with EDS

Length of Programme: 4 years
 Years of Study: 2022/2023 - 2025/2026
 Mode of Study: Full Time
 Degree: Bachelor's degree

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	786	134	222	258	168	
Data Culture				4,00	152	28			14	10	
1	External Examinations on Digital Skills. Entry-level	C	отдел развития цифровых компетенций			2		2A			
2	External Examinations on Digital Skills. Intermediate Level	C	отдел развития цифровых компетенций			2				2A	
3	Independent Programming Test. Intermediate	C	отдел развития цифровых компетенций			2				2A	Online Course
4	Introduction into Python	C	Department of Big Data and Information Retrieval	4,00	152	22			14	8A	Online Course
Major				35,00	1 330	572	82	168	206	116	
Core Professional Block (Major)				35,00	1 330	572	82	168	206	116	
1	Calculus	C	Department of Higher Mathematics	7,00	266	132	28	32A	36	36A	
2	Organic Chemistry	C	базовая кафедра органической химии Института органической химии им.Н.Д. Зелинского РАН	20,00	760	300	28A	106	130A	36A	Online Course
3	Probability Theory and Mathematical Statistics	C	Department of Higher Mathematics	4,00	152	80			40	40A	
4	Physics	C	School of Electronic Engineering	4,00	152	60	30	30A			
Minor				10,00	380	152	38	38	38	38	
1	Minor	E		10,00	380	152	38	38A	38	38A	
English											
Optional Courses											
1	English	O		6,00	228	104	28	32	44A		Foreign language, Credits only to the cumulative rating

	General Courses			4,00	152	30	14	16			
	Optional General Courses			4,00	152	30	14	16			
1	Economics	C	Department of Theoretical Economics	4,00	152	30	14	16A			Online Course
	Internship			7,00	266	4					4
	Research Internship			3,00	114	2					2
1	Term Paper in Organic Chemistry	C		3,00	114	2					2A
	Project Internship			4,00	152	2					2
1	Research Project	E		4,00	152	2					2A

Curriculum agreed:

Academic Supervisor	Shapovalov S.S.	11.04.2023
Dean	KOTOV V.I.	11.04.2023
Head of Centre for Educational Model Design	LEPESHKIN I.A.	20.04.2023

* Subject type:

Compulsory course
 Elective course
 Optional course

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