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<p>Surname, name and patronymic <b>Burkin Konstantin Maximovich</b></p> <p>Date of birth: <b>20<sup>th</sup> October 1999</b></p> <p>Previous credential: <b>Certificate of General Secondary Education No. 07704000106628 issued in Russia on 23<sup>rd</sup> June 2017</b></p> <p>Entered the <b>Federal State Budgetary Educational Institution of Higher Education "Lomonosov Moscow State University"</b> in 20117 (full-time)</p> <p>Terminated studies at: <b>continues studies (full-time)</b></p> <p>The required duration of the full-time programme is: <b>6 years</b></p> <p>Field of study/<u>Major</u>: <b>04.05.01 Fundamental and Applied Chemistry</b></p> <p>Specialisation: <b>Nanobiomaterials and nanobiotechnologies</b></p> <p>Course papers: <b>in Inorganic Chemistry – excellent</b> <b>in Analytical Chemistry – excellent</b> <b>in Organic Chemistry – excellent</b> <b>in Physical Chemistry – excellent</b></p> <p>Training: <b>Did not do yet</b></p> <p>Final state examinations: <b>Did not pass yet</b></p> <p>Final qualification paper: <b>Did not perform yet</b></p> <p><i>To be continued overleaf</i></p> <p>Note: The column 'Total number of hours' overleaf contains information in the following way: total number of hours (including class hours), the line 'Total by the curriculum' contains information on the workload taking into account the course papers, practices, final state exams and the final qualification paper.</p> <p><i>This document contains __ sheets</i></p>	<p>RUSSIAN FEDERATION</p> <p><b>City of Moscow</b> <b>Lomonosov Moscow State University</b></p> <p><b>ACADEMIC CERTIFICATE</b> BAB No. 035259</p> <p><b>04as-6092-11h</b> (Registration No.)</p> <p><b>13<sup>th</sup> October 2022</b> (Date of issue)</p> <p><i>Rector /signature/</i></p> <p><i>Dean /signature/</i></p> <p><i>Secretary /signature/</i></p> <p>Seal: Federal State Budgetary Educational Institution of Higher Education "Lomonosov Moscow State University" * OGRN (Primary State Registration Number) 1037700258694 *</p> <p><i>Sheet No. 1</i></p>
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During the studies, the student has passed the following tests, interim and final examinations in the following subjects:

	Name of subjects	Credit hours	Total number of hours	Final mark
1	History	5	180 (126)	excellent
2	English	20	720 (284)	excellent
3	Law	4	144 (54)	excellent
4	Philosophy	6	216 (144)	excellent
5	Economics	6	216 (144)	excellent
6	Russian Language and Culture of Speech	4	144 (54)	excellent
7	Teaching Techniques and Innovative Educational Technologies in Chemistry	4	144 (36)	excellent
	Module "Computer Science"			
8	Computer Science	5	180 (90)	excellent
	Module "Mathematics"			
9	Calculus	16	576 (342)	excellent
10	Analytical Geometry	3	108 (54)	passed
11	Linear Algebra	2	72 (54)	passed
	Module "Special Chapters of Mathematics"			
12	Equations of Mathematical Physics	2	72 (54)	passed
13	Theory of Probability	4	144 (72)	excellent
14	Elements of Applied Mathematical Statistics	3	108 (36)	excellent
	Module "General Physics"			
15	Mechanics. Electricity	3	108 (72)	excellent
16	Vibrations and Waves. Optics	3	108 (72)	excellent
17	Laboratory Classes in Physics	6	216 (108)	passed
	Module "Theoretical Physics"			
18	Elements of Matter Structure	3	108 (36)	passed
19	Basics of Quantum Mechanics	3	108 (72)	excellent
20	Theoretical Mechanics	3	108 (54)	passed
	Module "Concepts of Modern Natural Science"			
21	Modern Natural Science	4	144 (72)	passed
22	Basics of Radiochemistry and Radioecology	3	108 (72)	excellent
23	Crystal Chemistry	3	108 (72)	excellent
	Module "Inorganic Chemistry"			
24	Inorganic Chemistry	9	324 (234)	good
25	Laboratory Classes in Inorganic Chemistry	9	324 (288)	passed
	Module "Analytical Chemistry"			
26	Analytical Chemistry	7	252 (144)	excellent
27	Laboratory Classes in Analytical Chemistry	10	360 (288)	passed
	Module "Organic Chemistry"			
28	Organic Chemistry	9	324 (198)	excellent
29	Laboratory Classes in Organic Chemistry	12	432 (288)	passed
	Module "Physical Chemistry"			
30	Physical Chemistry	8	288 (180)	excellent
31	Laboratory Classes in Physical Chemistry	7	252 (144)	passed
32	Electrochemistry	2	72 (36)	passed
	Module "Colloid Chemistry"			
33	Colloid Chemistry	3	108 (54)	excellent
34	Laboratory Classes in Colloid Chemistry	3	108 (90)	passed
	Module "High-Molecular Compounds"			
35	High-Molecular Compounds	7	252 (126)	excellent
36	Laboratory Classes in High-Molecular Compounds	3	108 (72)	passed
	Module "General Chemical Technology"			
37	Chemical Engineering	4	144 (56)	excellent



38	Laboratory Classes in Chemical Technology	2	72 (56)	passed
	Module "Quantum Chemistry"			
39	Quantum Chemistry	4	144 (72)	excellent
40	Structure of Molecules	4	144 (72)	excellent
	Module "Chemical Basics of Biological Processes"			
41	Chemical Basics of Biological Processes	5	180 (90)	excellent
42	Basic Safety	2	12 (36)	passed
43	Physical Training	2	172 (72)	passed
44	History and Methodology of Chemistry	2	172 (36)	passed
45	History of Chemical Faculty	2	72 (36)	passed
	Special Courses in Humanities			
46	History of Religion	3	108 (36)	passed
47	Elective Courses in Physical Training	-	328 (216)	passed
48	State and Business as Institutions of the Global Society	1	36 (30)	passed
49	Cinema: the Classic Canon; Historical Development, Educational Aspects	1	36 (28)	passed
50	Management in the Post-Modern Era	1	36 (30)	passed
51	Brain and Sensory Systems	1	36 (24)	passed
52	Pragmatics of a Musical Text	1	36 (24)	passed
	Modern Issues of Chemistry			
53	Artificial Intelligence and Machine Learning in Chemistry	2	72 (28)	passed
	Foreign Language Course			
54	Development of New Medicines: Legal and Economic Aspects (in English)	4	144 (42)	passed
55	Introduction to the Specialisation "Nanobiomaterials and Nanobiotechnologies"	2	72 (36)	passed
56	Special Workshop "Nanobiomaterials and Nanobiotechnologies"	8	288 (192)	passed
57	Molecular Genetics	2	12 (36)	passed
58	Biochemical Processes in Cells	3	108 (72)	excellent
59	Kinetic Patterns and Regulation of Enzyme Activity	3	108 (90)	passed
60	Biotechnology and Nanobiotechnology	3	108 (72)	excellent
61	Mechanisms of Enzymatic Catalysis	4	144 (84)	excellent
62	Nanobiomaterials and Physics of Nanostructures	4	144 (108)	excellent
63	Research Paper	12	432 (0)	passed
	Total under the curriculum	294	10912 (5990)	
	Studied over and above the curriculum			
1	English Speech and Practical Phenomenology of Modern Anglo-Saxon Culture	1	36 (24)	passed
2	Bioinformatics	1		passed
3	Mathematics for Data Analysis	2	36 (24)	passed
4	Machine Learning for Solving Applied Problems	1	72 (48)	passed
5	Basics of Python Programming and Data Analysis	1	36 (24)	passed
6	Solving Application Problems using Python Programming	1	36 (24)	passed

End of record

**Russian Federation  
City of Moscow**

**Twenty ninth November of two thousand and twenty two**

I, Semenova Anna Nikolaevna, Notary Public of Moscow, do certify this copy to be true to the document provided to me.

Filed in the Register No. 77/509-н/77-2022-9-459

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/signature/ A.N. Semenova

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*Translated by Byashimov Dovran*

*Перевод выполнил*

*переводчик Бяшимов Довран*

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