

RUSSIAN FEDERATION

1. PERSONAL INFORMATION OF THE DIPLOMA HOLDER

Federal State Autonomous
Educational Institution of
Higher Education
“Novosibirsk National
Research State University”
The City of Novosibirsk

Surname **Paulish**

Name **Anna**

Patronymic **Andreevna**

ATTACHMENT TO THE
BACHELOR'S DIPLOMA
with honors

Date of birth **December 26, 1999**

105424 5998327

Previous education document or education and qualification
document

Registration number
124

**Certificate of Secondary (Complete) General Education,
issued in 2017**

2. INFORMATION ON QUALIFICATION

In accordance with the decision of the State
Examination Board,
the following qualification is awarded:

BACHELOR

02.03.01 Mathematics and Computer Science

Date of issue
July 10, 2021

Period of education on the Bachelor's/Specialist's program
(intramural form of study) is

4 years

Not valid without diploma

3. INFORMATION ON THE CONTENT AND RESULTS OF BACHELOR'S/SPECIALIST'S PROGRAM STUDYING

Discipline (module) of the program, course papers, type of practical training State Final Attestation	Total number of credit units/ academic hours	Grade
Analytical Geometry	8 credits	Good
Data Bases	2 credits	Passed
Life Safety	2 credits	Passed
Introduction to the Mechanics of Continuous Media	3 credits	Good
General History	2 credits	Excellent
Higher Algebra	10 credits	Good
Computational Methods of Analysis and Linear Algebra	4 credits	Excellent
Computational Workshop	4 credits	Excellent
Graphs and Algorithms	3 credits	Excellent
Discrete Mathematics and the Algorithm Theory	4 credits	Good
Discrete Problems and Theories of Decision Making	8 credits	Excellent
Differential Geometry	3 credits	Excellent
Differential Equations	6 credits	Good
Innovative Economy and Technological Entrepreneurship	4 credits	Excellent
Foreign Language	12 credits	Excellent
History of Russia	2 credits	Excellent
Culture of Business Communication in a Scientific Environment	3 credits	Excellent
Mathematical Logic	6 credits	Excellent
Mathematical Statistic	4 credits	Excellent
Mathematical Analysis	28 credits	Excellent
Mathematical Modelling	3 credits	Good
Computational Methods	8 credits	Excellent
Methods of Optimization	3 credits	Excellent
Fundamentals of Project Management	3 credits	Excellent
Fundamentals of Information and Cryptography Theory	3 credits	Excellent
Preparation and passing of the written exam in Mathematics	1 credit	Good
Programming	9 credits	Excellent
Math Software Toolkit	3 credits	Passed
Theoretical Mechanics	7 credits	Excellent
Probability Theory	5 credits	Good
Galois Theory	3 credits	Excellent
Optimal Processes Theory	4 credits	Excellent
Parallel Process Theory	2 credits	Excellent
Programming Theory	3 credits	Excellent
Theory of Statistical Decisions (Special course)	4 credits	Passed
Theory of Formal Languages and Automata	2 credits	Excellent
Theory of Complex Variable Functions	6 credits	Excellent
Equations of Mathematical Physics	8 credits	Good
Physics	6 credits	Excellent
Physical Education and Sport	2 credits	Passed
Physical Education and Sport (Elective course)	x	Passed
Philosophy	3 credits	Excellent
Functional Analysis	8 credits	Excellent
Practical Trainings	20 credits	x
including:		
Educational practical training, scientific research (Practical training to obtain elementary skills in scientific research)	4 credits	Passed

Discipline (module) of the program, course papers, type of practical training State Final Attestation	Total number of credit units/ academic hours	Grade
Internship, scientific research	10 credits	Excellent
Internship, pre-graduate practical training	6 credits	Excellent
State Final Attestation	6 credits	x
Graduation qualification Bachelor's Thesis: Algorithms of Approximation of Measurement Data by Gaussian and Cauchy-Lorentz Surfaces	x	Excellent
Total	240	x
Including auditorium hours	4 158 hours	x
Elective courses including:		
Optimal Processes Theory (Special workshop)	4 credits	Passed
Theory of Statistical Decisions	4credits	Excellent
Educational workshop for 4 th year students	4 credits	Passed
Alternative Philosophy	3 credits	Passed

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4. TERM PAPERS (PROJECTS)	GRADE

5. ADDITIONAL INFORMATION

Enrollment Status: intramural form of study

Specialization: Mathematics and Computer Science

Director of the Educational Organization

/signature/

M.P. Fedoruk

/Official seal: Ministry of Science and Higher Education of the Russian Federation * Federal State Autonomous Educational Institution of Higher Education "Novosibirsk National Research State University" (Novosibirsk State University, NSU) * Primary State Registration Number (OGRN) 1025403658565 * Taxpayer Identification Number (INN) 5408105490/

The present attachment contains 4 pages.

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I, Darya Prus, translator's diploma K No. 78768 issued by Novosibirsk National Research State University (NSU) on June 21, 2012, certify that I am fluent in the English and Russian languages, and that the attached document is an accurate translation of the original document.

July 30, 2021 /D. Prus/

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