

Moscow Institute of Physics and Technology (National Research University)
 Department of Control and Applied Mathematics
 Records of university grades

Student: Rustem Islamov

Thesis: Distributed Second Order Methods with Fast Rates and Compressed Communication

Graduation: August, 2021

Average Grade for 8 semesters: 4.95/5 (9.27/10)

Grading system

10-point scale	5-point scale
10, 9, 8	Excellent (5)
7, 6, 5	Good (4)
4, 3	Satisfactory (3)
1, 2	Unsatisfactory (2)



1 year, 1 semester (September 2017 — January 2018)

Course	Academic hours	Credits	Type	Attempt Number	Grade
Algebra of Logic, Combinatorics, Graph Theory	105	3	Exam	0	Excellent(10)
Analytical Geometry	105	3	Exam	0	Excellent(9)
English Language (level B2/C1)	90	2	Fail/Pass	0	Passed
Database	150	4	Exam	0	Excellent(8)
Introduction to Mathematical Analysis	240	6	Exam	0	Excellent(10)
Information Technologies	180	4	Credit	0	Excellent(9)
History	45	1	Credit	0	Excellent(8)
General Physics: Physical Practice	135	3	Credit	0	Excellent(9)
General Physics: Mechanics	150	4	Exam	0	Excellent(9)
Physical Education	90	2	Fail/Pass	0	Passed
					Average 5.0 (9.00)

1 year, 2 semester (February 2018 — June 2018)

Course	Academic hours	Credits	Type	Attempt Number	Grade
English Language (level B2/C1)	90	2	Credit	0	Excellent(8)
Information Technologies	180	4	Credit	0	Excellent(10)
Linear Algebra	105	3	Exam	0	Excellent(10)
Multidimensional Analysis, Integrals and Series	240	6	Exam	0	Excellent(10)
General Physics: Physical Practice	135	3	Credit	0	Excellent(9)
General Physics: Thermodynamics and Molecular Physics	150	4	Exam	0	Excellent(9)
Fundamental Algorithms	45	1	Credit	0	Excellent(9)
Fundamentals of Higher Algebra and Coding Theory	135	4	Credit	0	Excellent(10)
Physical Education	66	0	Fail/Pass	0	Passed
					Average 5.0 (9.38)

2 year, 3 semester (September 2018 — January 2019)

Course	Academic hours	Credits	Type	Attempt Number	Grade
Analytical Mechanics	105	3	Exam	0	Excellent(10)
English Language (level B2/C1)	90	2	Fail/Pass	0	Passed
Differential Equations	90	2	Credit	0	Excellent(10)
Information Technologies	180	4	Credit	0	Excellent(9)
Multiple Integrals and Field Theory	150	4	Exam	0	Excellent(9)
General Physics: Physical Practice	135	3	Credit	0	Excellent(9)
General Physics: Electricity and Magnetism	195	5	Exam	0	Excellent(10)
Physical Education	66	0	Fail/Pass	0	Passed
Theory and Implementation of Programming Languages	150	4	Exam	0	Good(7)
Theory of Formal Systems and Algorithms	105	3	Exam	0	Excellent(10)
Average					4.88 (9.25)

2 year, 4 semester (February 2019 — June 2019)

Course	Academic hours	Credits	Type	Attempt Number	Grade
Algorithms and models of calculations	135	3	Credit	0	Excellent(9)
Analytical Mechanics	105	3	Exam	0	Excellent(10)
English Language (level B2/C1)	90	2	Credit	0	Excellent(8)
Harmonic Analysis	150	4	Exam	0	Excellent(10)
Differential Equations	150	4	Exam	0	Excellent(10)
Additional Chapters of Discrete Analysis	90	2	Credit	0	Good(7)
Information Technologies	180	4	Credit	0	Excellent(10)
Measure and Lebesgue integral	45	1	Credit	0	Excellent(10)
General Physics: Physical Practice	135	3	Credit	0	Excellent(8)
General Physics: Optics	150	4	Exam	0	Excellent(10)
Physical Education	66	0	Fail/Pass	0	Passed
Average					4.90 (9.20)

3 year, 5 semester (September 2019 — January 2020)

Course	Academic hours	Credits	Type	Attempt Number	Grade
English Language (level B2/C1)	90	2	Fail/Pass	0	Passed
Computational Mathematics	135	3	Credit	0	Excellent(10)
State Exam in Physics	60	2	Exam	0	Excellent(9)
Optimization Methods	105	3	Exam	0	Excellent(9)
General Physics: Quantum Physics	90	2	Credit	0	Excellent(9)
General Physics: Physical Practice	135	3	Credit	0	Excellent(9)
Physical Education	66	0	Fail/Pass	0	Passed
Probability Theory	90	2	Credit	0	Excellent(8)
Field Theory	105	3	Exam	0	Excellent(10)
Theory of Functions of a Complex Variable	150	4	Exam	0	Excellent(10)
Equations of Mathematical Physics	90	2	Credit	0	Excellent(10)
Functional Analysis	90	2	Fail/Pass	0	Passed
Average					5.00 (9.33)

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3 year, 6 semester (February 2020 — June 2020)

Course	Academic hours	Credits	Type	Attempt Number	Grade
English Language (level B2/C1)	105	3	Exam	0	Excellent(9)
Introduction to Machine Learning	45	1	Credit	0	Excellent(10)
Computational Mathematics	135	3	Credit	0	Excellent(10)
State Exam in Mathematics	60	2	Exam	0	Excellent(10)
Optimization Methods	105	3	Exam	0	Excellent(10)
Quantum Mechanics	90	2	Credit	0	Excellent(8)
Parallel Algorithms	90	2	Credit	0	Excellent(8)
Practical Seminars on Machine Learning	45	1	Credit	0	Excellent(10)
Practical Seminars on Python Programming	90	2	Fail/Pass	0	Passed
Physical Education	66	0	Fail/Pass	0	Passed
Stochastic Processes	105	3	Exam	0	Excellent(8)
Scientific Seminar	45	1	Fail/Pass	0	Passed
Equations of Mathematical Physics	195	5	Exam	0	Excellent(10)
Functional Analysis	105	3	Exam	0	Excellent(10)
Average				5.00 (9.36)	

4 year, 7 semester (September 2020 — January 2021)

Course	Academic hours	Credits	Type	Attempt Number	Grade
Quantum Mechanics	105	3	Exam	0	Excellent(10)
Mathematical Statistics	105	3	Exam	0	Excellent(10)
Deep Learning	105	3	Exam	0	Excellent(10)
Basics of Life Safety	45	1	Pass/Fail	0	Passed
Kolmogorov's Complexity and its Applications	90	2	Credit	0	Excellent(9)
Mathematical Methods of Text Analysis	45	1	Credit	0	Excellent(9)
Mathematical Methods of Forecasting	45	1	Pass/Fail	0	Passed
Mathematical Foundations of Machine Learning	90	2	Credit	0	Excellent(10)
Optimal Control Methods	90	2	Credit	0	Excellent(10)
Research Work	270	6	Credit	0	Excellent(10)
Practical Work	225	5	Pass/Fail	0	Passed
Spanish Language (A1)	90	2	Pass/Fail	0	Passed
Average				5.00(9.75)	



4 year, 8 semester (February 2021 — June 2021)

Course	Academic hours	Credits	Type	Attempt Number	Grade
Mathematical Methods of Forecasting	60	2	Exam	0	Excellent(9)
Optimal Control Methods	105	3	Exam	0	Excellent(10)
Defence of the Final Qualifying Work	150	4	Exam	0	Excellent(10)
Applied Combinatorial Analysis	60	2	Exam	0	Excellent(10)
Applied Machine Learning Models	105	3	Exam	0	Excellent(10)
Statistical Physics	105	3	Exam	0	Excellent(8)
Spanish Language (A1)	90	2	Credit	0	Excellent(9)
Image Analysis and Recognition	45	1	Credit	0	Excellent(9)
Networks and Texts Analysis	45	1	Credit	0	Good(7)
Pregraduation Practice	360	8	Credit	0	Excellent(10)
Applied Statistics	90	2	Credit	0	Excellent(8)
Philosophy	45	1	Credit	0	Excellent(9)
Average					4.92(9.00)