<Name of the University>
Department of General and Applied Physics

Transcript for <Name>

***Degrees awarded*:**
Bachelor of Applied Physics and Mathematics with honors (<Date>).

***Grading system*:**
Most of the courses are graded using 4 grades system:

Grade	excellent	good	satisfactory	unsatisfactory
Official Russian quality points	5	4	3	2

Some courses are graded using 2 grades system: Passed (P) and Failed (F).

Duration of Terms:
Fall 17 weeks
Spring 16 weeks

Notes
* These courses are taken in research institutes:
Institute of Solid State Physics RAS (marked with an ISSP mark),
Landau Institute for Theoretical Physics RAS (marked with an ITP mark).
** Total amount of lectures, seminars and practical work indicated.

No.	Course title	Terms	No. of hours per week**	Number of terms	Total number of hours**	Grade(s)
	1. General Physics					
1.	Physical Mechanics	Fall 2002	4	1	68	5
2.	Laboratory (Physical Mechanics)	Fall 2002	4	1	68	5
3.	Molecular Physics and Thermodynamics	Spring 2003	4	1	64	5
4.	Laboratory (Molecular Physics and Thermodynamics)	Spring 2003	4	1	64	5
5.	Electricity and Magnetism	Fall 2003	6	1	102	5
6.	Laboratory (Electricity and Magnetism)	Fall 2003	4	1	68	5
7.	Optics	Spring 2004	4	1	64	5
8.	Laboratory (Optics)	Spring 2004	4	1	64	5
9.	Quantum Microphysics	Fall 2004	4	1	68	5
10.	Laboratory (Quantum Microphysics)	Fall 2004	2	1	34	5
11.	Quantum Macrophysics	Spring 2005	4	1	64	5
12.	Laboratory (Quantum Macrophysics)	Spring 2005	2	1	32	5
13.	State Qualification Examination in Physics	Spring 2005	-	-	-	5
	2. Mathematics					
14.	Mathematical Analysis	Fall 2002 – Spring 2004	8, 8, 4, 4	4	396	5, 5, 5, 5
15.	Linear Algebra and Analytical Geometry	Fall 2002- Spring 2003	4, 4	2	132	5, 5
16.	Differential Equations	Fall 2003 – Spring 2004	4, 4	2	132	P, 5
17.	Fundamentals of Probability Theory	Spring 2003	4	1	64	5
18.	Complex Analysis	Fall 2004	5	1	85	5
19.	Equations of Mathematical Physics	Fall 2004 – Spring 2005	5, 4	2	149	5, 5
20.	Fundamentals of Stochastic Processes	Fall 2005	4	1	68	5
21.	State Qualification Examination in Mathematics	Fall 2004	-	-	-	5
	3. Computer Science and Computational Mathematics					
22.	Fundamentals of Computer Science	Fall 2002 –	6, 6	2	198	5, 5

		Spring 2003				
23.	Computer Science	Fall 2003 – Spring 2004	4, 4	2	132	5, 5
24.	Computational Mathematics	Fall 2004 – Spring 2005	4, 8	2	196	5, 5

4. Theoretical Physics

25.	Theoretical Mechanics	Fall 2003 – Spring 2004	5, 4	2	149	5, 5
26.	Field Theory	Spring 2004	4	1	64	5
27.	Quantum Mechanics	Fall 2004 – Spring 2005	4, 4	2	132	5, 5
28.	Statistical Physics	Fall 2005	4	1	68	5
29.	Physical Kinetics	Spring 2006	4	1	64	5

5. Supplementary Natural Sciences

30.	Introduction to Ecology	Fall 2002	2	1	34	5
31.	General Chemistry	Fall 2002	4	1	68	5

*6. Area of Specialization**

32.	Fundamentals of Measurement (ISSP)	Spring 2004	2	1	32	P
33.	Introduction to Computational Physics (ITP)	Spring 2004	2	1	32	5
34.	Physics of Crystals (ISSP)	Spring 2004	2	1	32	5
35.	Colloquium for Experimental Physics (ISSP)	Fall 2004	2	1	34	P
36.	Methods of Computational Physics (ITP)	Fall 2004	2	1	34	P
37.	X-Ray-Structural Analysis (ISSP)	Fall 2004 – Spring 2005	4, 4	2	132	5, P
38.	Experimental Physics (ISSP)	Spring 2005	2	1	32	P
39.	Research (ISSP)	Fall 2005 – Spring 2006		2	540	5, 5
40.	Physics of Metals (ISSP)	Fall 2005	2	1	34	5
41.	Physics of Phonons (ISSP)	Fall 2005	2	1	34	5
42.	Introduction to Semiconductor Physics (ISSP)	Fall 2005	2	1	34	5
43.	Physical Experiment Technique (ISSP, laboratory)	Fall 2005	4	1	68	P
44.	Superconductivity (ITP)	Spring 2006	2	1	32	5
45.	Semiconductors and Isolators Spectroscopy (ISSP)	Spring 2006	2	1	32	5
46.	Electrons in Disordered Media (ISSP)	Spring 2006	2	1	32	5

7. Other courses

47.	Nonlinear Physics	Spring 2006	4	1	64	5
48.	Laboratory (Electronic Methods in Physical Experiment)	Fall 2004 – Spring 2005	6, 6	2	198	5, 5
49.	Physical Fundamentals of Optoelectronics	Fall 2003	2	1	34	5
50.	Introduction to Astrophysics	Spring 2004	2	1	32	5
51.	Government and Law	Fall 2005	2	1	34	5
52.	Foreign Language (English)	Fall 2002 – Spring 2006	4, 4, 4, 4, 4, 4, 2, 2	8	462	P, 5, P, 5, P, 5, P, 5
53.	History of Russia	Spring 2003	2	1	32	5
54.	General History	Fall 2003	2	1	34	5
55.	Economics	Fall 2003 – Spring 2004	4, 4	2	132	5, 5
56.	Rhetoric	Fall 2002	2	1	34	5
57.	Physical Training	Fall 2002 – Spring 2005	4, 4, 4, 4, 4, 4	6	396	5, 5, 5, 5, 5, P
58.	Philosophy	Spring 2006	2	1	32	5

GPA 5.00 out of 5.0