

		Primary Courses					52	1 872	788	448	76	264		760	324
		<i>Mathematics</i>					26	936	402	210		192		354	
805	9	Linear Algebra and Analytic Geometry	1				4	144	52	34		18		56	36
805	10	Calculus	1,2				8	288	120	68		52		96	72
802	11	Differential Equations	3				4	144	54	28		26		54	36
804	12	Theory of Probability and Mathematical Statistics		3			3	108	54	28		26		54	
802	13	Equations of Matemactical Physics		4			3	108	50	16		34		58	
806	14	Numerical Methods	5				4	144	72	36		36		36	36
610	15	Applied Ecology		4			2	72	34	26	8			38	
204	16	Thermodynamics	4		4		4	144	50	34	16			58	36
802	17	Theoretical Mechanics	2,3				6	216	104	70		34		40	72
908	18	Chemistry		1			3	108	42	26	16			66	
801	19	Physics	3	1,2			11	396	156	82	36	38		204	36
		Specialised Courses					5	180	88	24	64			92	
601	20	Computer Aided Technologies		6,7			5	180	88	24	64			92	
		<i>Electives</i>													
		Applied Studies					117	4 212	1 762	986	396	380		1 874	576
		Primary Courses					56	2 016	878	430	244	204		886	252
		<i>Applied Geometry</i>					10	360	124	16		108		200	
904	21	Descriptive Geometry	1		1		3	108	28	16		12		44	36
904	22	Engineering Computer Graphics		1,2			7	252	96			96		156	
		<i>Computer Science</i>					7	252	122	44	64	14		94	
609	23	Algorithmic Languages and Programming	2				4	144	68	20	48			40	36
601	24	Mathematical Modelling		5			3	108	54	24	16	14		54	
601	25	Basic of AeroSpace Technology		1	2		3	108	42	26	16			66	
906	26	Theory of Mechanisms and Machines		3			3	108	36	20	16			72	
903	27	Structural Materials Thechnology	4				4	144	68	34	24	10		40	36
906	28	Machine Parts and Design Basics	5		5		4	144	54	38	16			54	36
207	29	Methrology Standartization and Certification	4				3	108	50	34	16			22	36
509	30	Industrial Management		6			3	108	50	24	8	18		58	
309	31	Electric and Electronic Engineering		7			3	108	54	26	28			54	

614	32	Health and Safety		6			2	72	50	34	16			22	
903	33	Material Science	3		3		4	144	54	38	16			54	36
902	34	Strength of Materials	4	3	3		6	216	104	48	24	32		76	36
602	35	Structural Mechanics of Aerospace Vehicles		5,6			4	144	70	48		22		74	
		Specialised Courses					61	2 196	884	556	152	176		988	324
208	36	Space Vehicle Propulsion Systems	5				4	144	72	36	20	16		36	36
601	37	Basics of Spacefligh Theory		5			3	108	36	18	12	6		72	
601	38	Spacecraft Basics		5,6	6		6	216	104	58	24	22		112	
601	39	Basics of Space Systems Engineering	6				4	144	68	54		14		40	36
601	40	Spacecraft Manufacturing Processes	8	7	8		8	288	124	76	24	24		128	36
105	41	Aerohydrodynamics		4			3	108	50	34	16			58	
		<i>Electives</i>					33	1 188	430	280	56	94		542	216

601	42.1	Spacecraft Thermal Design		6		6	3	108	50	36	8	6		58	
601	42.2	Thermal Control Systems		6		6	3	108	50	36	8	6		58	
601	43.1	Reliability and Effectiveness of Aerospace Vehicles	6				3	108	50	36		14		22	36
601	43.2	Development for Reliability in Space Technology	6				3	108	50	36		14		22	36
601	44.1	Spacecraft and Complexes Design	7	8		7	8	288	98	64	16	18		154	36
601	44.2	Aerospace Vehicle Design	7	8		7	8	288	98	64	16	18		154	36
601	45.1	Spacecraft Engineering	7,8			8	8	288	98	48	12	38		118	72
601	45.2	Spacecraft Modules Engineering	7,8			8	8	288	98	48	12	38		118	72
601	46.1	Spacecraft Subsystems	7				4	144	54	36	8	10		54	36
601	46.2	SmallSat On-Board Radio Complexes	7				4	144	54	36	8	10		54	36
601	47.1	Spaceflight Theory	7				4	144	54	34	12	8		54	36
601	47.2	Spaceflight Control Theory	7				4	144	54	34	12	8		54	36
610	48.1	Spaceflight Support Operation		8			3	108	26	26				82	
610	48.2	Pre-launch Processing		8			3	108	26	26				82	
		Block 2. Practice					24	864						864	
		Learning and Production Practices					24	864						864	
601		Learning Practice		2			6	216						216	
601		Computation Practice		4			6	216						216	
601		Production Practice		6			6	216						216	
601		Pre-Graduation Practice		8			6	216						216	
		Block 3. Final State Certification					9	324						324	
601		Final State Certification					9	324						324	
		Total					240	8 640							
		Total per Semesters, Hours						8 968	3 554	1 660	536	1 358		4 442	972

