



ПРОГРАММЫ ДЛЯ ИНОСТРАННЫХ СТУДЕНТОВ В МАИ

Алушта-2018



ОБЩАЯ ХАРАКТЕРИСТИКА ОБРАЗОВАТЕЛЬНЫХ ПРОГРАММ

Образовательные программы реализуются на русском и английском языках.

Программы уровней бакалавриата, магистратуры и аспирантуры.

Реализуются программы как только в МАИ, так и в сотрудничестве с иностранными университетами.



СОВМЕСТНЫЕ ОБРАЗОВАТЕЛЬНЫЕ ПРОГРАММЫ

Совместные программы двух дипломов с китайскими университетами (ШТУ, ПАКУ, Нанкинский аэрокосмический) на английском языке.

Схема – первый год Китай, второй – МАИ.

Особая программа совместно с ШТУ.


Обучаются совместно российские и китайские магистранты. Обучение российских участников программы оплачивается ОАК, ОДК и другими компаниями.



**ПРИМЕРЫ ПЕРЕВОДА
НОРМАТИВНОЙ УЧЕБНО-
МЕТОДИЧЕСКОЙ
ДОКУМЕНТАЦИИ НА
АНГЛИЙСКИЙ ЯЗЫК**



НОРМАТИВНАЯ ДОКУМЕНТАЦИЯ


	Ministry for Higher Education and Science Russian Federation Federal State Budget Higher Education Organization Moscow Aviation Institute (National Research University)
	REGULATIONS On Final State Certification of Graduates from Moscow Aviation Institute
	ОД-021-СМК-ПОЛ-001

Approved by University Counsel
30 October 2017 Minutes #7

REGULATIONS

On Final State Certification of Graduates from Moscow Aviation Institute

Put in force by
Decree #424 dated 13 May 2016

	Ministry for Higher Education and Science Russian Federation Federal State Budget Higher Education Organization Moscow Aviation Institute (National Research University)
	REGULATIONS On contact work of teacher and learner and limitation of lecture and tutorial hours in basic education programs of Moscow Aviation Institute
	ОД-066-СМК-ПОЛ-001

Approved by University Counsel
25 December 2017 Minutes #9

REGULATIONS

On contact work of teacher and learner and limitation of lecture and tutorial
hours in basic education programs at Moscow Aviation Institute

Approved by
University Education Methodology Counsel
07 December 2017 Minutes #06/16-17



ОБРАЗОВАТЕЛЬНЫЕ СТАНДАРТЫ

MINISTRY OF EDUCATION AND SCIENCES
RUSSIAN FEDERATION
Moscow Aviation Institute
(National Research University)

APPROVED
Rector MAI
_____ Anatoly Gerashenko
28 April 2014

INDEPENDENTLY DETERMINED EDUCATION STANDARD
of Moscow Aviation Institute
(National Research University)

Degree
MASTER

Direction of training
24.04.01
Rocket Complexes and Cosmonautics

Qualification:
Master

Approved by the MAI Council
28 April 2014
Minutes # 4

Moscow, MAI, 2014

MINISTRY OF EDUCATION AND SCIENCES
RUSSIAN FEDERATION
Moscow Aviation Institute
(National Research University)

APPROVED
Rector MAI
_____ Anatoly Gerashenko
28 April 2014

INDEPENDENTLY DETERMINED EDUCATION STANDARD
of Moscow Aviation Institute
(National Research University)

Degree
MASTER

Direction of training
24.04.05
Aircraft and Spacecraft Engines

Qualification:
Master

Approved by the MAI Council
28 April 2014
Minutes # 4

Moscow, MAI, 2014



УЧЕБНЫЕ ПЛАНЫ

		Applied Studies					42	1 512	692	348	184	160		568	252
		Primary Courses					8	288	120	32	12	76		132	36
601	6	Scientific Seminar on Space Technology		3,4			4	144	64			64		80	
201	7	Continuum Mechanics	2				4	144	56	32	12	12		52	36
		Specialised Courses					34	1 224	572	316	172	84		436	216
601	8	Space Systems Engineering	3	4	4		7	252	114	62		52		102	36
903	9	Structural Materials Technology	1				3	108	42	34	8			30	36
601	10	Manufacturing Processes of Aerospace Structures		2			3	108	56	44		12		52	
101	11	Basics of Aerospace Structures, Part 1	1				3	108	42	30	12			30	36
601	12	Basics of Aerospace Structures, Part 2	2				3	108	56	36		20		16	36
602	13	Structural Strength		1			3	108	42	30	12			66	
		Electives					12	432	220	80	140			140	72
601	14.1	Structure Engineering		3		3	3	108	54	42	12			54	
601	14.2	Composite Structure Engineering		3		3	3	108	54	42	12			54	
203	15.1	Computer Aided Analysis and Modelling	2				4	144	76	20	56			32	36
601	15.2	Computer Aided Engineering	2				4	144	76	20	56			32	36
601	16.1	Information Technologies in Space Vehicle Design	3				5	180	90	18	72			54	36
601	16.2	Computer Aided Design Technologies	3				5	180	90	18	72			54	36
		Block 2. Practice					51	1 836						1 836	
		Practice and Research					51	1 836						1 836	
		Learning Practice					18	648						648	
601		Professional Practice		3			6	216						216	
601		Research Practice		2			6	216						216	
601		Introduction Learning Practice		1			6	216						216	
		Production Practice					6	216						216	
601		Pre-Graduate Practice		4			6	216						216	
		Research Activity					27	972						972	
601		Research in Semester		1,2,3,4			27	972						972	
		Block 3. Final State Certification					9	324						324	
601		Final State Certification					9	324						324	
		Total					120	4 320							
		Total per Semesters, Hours						4 320	958	430	184	344		3 074	288



РАБОЧИЕ ПРОГРАММЫ ДИСЦИПЛИН

Ministry for Higher Education and Science
Russian Federation
Federal State Budget Higher Education Organisation
Moscow Aviation Institute
(National Research University)

APPROVED
Vice Rector for Education

" " " Dmitry Kozorez
" " " 20

COURSE PROGRAM (000057853)

Space Systems Engineering

(Name of the course per curriculum)

Direction of Training Rocket Complexes and Cosmonautics

Degree Masters

Graduate Program Aerospace Technology

Type of Attendance Intramural

Graduation Department 601
(Intramural, extramural, etc.)

Course Supporting Department 601

Department developing the course program 601

Semester	Number of Credits	Total Hours	Lecture Hours	Tutorials, Hours	Laboratory Tutorials, Hours	SIWA** Hours	SIW* Hours	Exam Hours	Intermediate Assessment
3	5	180	42	30	0	0	72	36	Exam
4	3	108	20	36			52	0	Marked Assessment
Total	8	288	62	66	0	0	124	36	

*) SIW - Student Independent Work

***) SIWA - Student Independent Work Assessment

Moscow
2017

COURSE CONTENTS

1. Course Objectives. List of educational outcomes.
2. The course role in the curriculum.
3. Course structure and contents.
4. Description of academic support for independent learning.
5. Interim assessment marking scheme
6. Essential and additional reading required for the course.
7. List of on-line resources required for the course
8. Tutorial support materials for the course.
9. List of information tools to support the course.
10. Logistics support of the course.

Annexes to the course program

Annex 1. Summary of the course program

Annex 2. Attached files

The course program has been prepared in accordance with the requirements of the Moscow Aviation Institute Education Standard and Federal Government Education Standard under the direction of training 24.04.01 Rocket Complexes and Cosmonautics

Authors of the program:

Valery Panasikov _____

Head of Support Department # 601 _____

The course program approved by:

Head of Department # 601 _____ Dean of Faculty #6 _____