

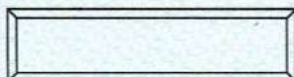
SOUTHERN FEDERAL UNIVERSITY



DIPLOMA SUPPLEMENT

1. INFORMATION IDENTIFYING OF THE HOLDER OF THE QUALIFICATION

**SOUTHERN FEDERAL
UNIVERSITY**



CONTROL NUMBER

This Diploma Supplement model was developed by the European Commission, Council of Europe and UNESCO/CEPES.

The purpose of the supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It should be free from any value judgements, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why.

1.1 Last name, first name:	
1.2 Date of birth, country:	RUSSIAN FEDERATION
1.3 Student identification number or code:	Master's Degree Diploma (Magistr Diploma) with distinction

2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1 Name of qualification and (if applicable) title conferred (in original language):	МАГИСТР (MAGISTR)/MASTER
2.2 Main field(s) of study for the qualification:	Field of Study: "Fundamental informatics and information technologies" Major: "Computer science"
2.3 Name and status of awarding institution (in original language)	Federal State Autonomous Educational Establishment of Higher Education "Southern Federal University"* Федеральное государственное автономное образовательное учреждение высшего образования «Южный федеральный университет»*
2.4 Name and status of institution administering studies (in original language)	Same as in 2.3
2.5 Language(s) of instruction / examination	Russian, English languages

3. INFORMATION ON THE LEVEL OF QUALIFICATION

3.1 Level of the qualification:	Second stage research based tertiary university level education. Master's degree programmes are based on Bachelor's degree programmes. According to the International Standard Classification of Education (ISCED) the Qualification of Master applies to the second stage of the three-level higher education (ISCED 767)
3.2 Official duration of the programme:	Period of study – 2 years of full-time study or 120 credits ECTS (according to the Russian Federation State Educational Standard).
3.3 Access requirement(s):	Bachelor's Degree diploma, 2016

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1 Mode of study:	Full-time study
4.2 Programme requirements:	A <i>Magistr/Master's</i> Degree programme is focused on research activities. <i>Magistr/ Master's</i> Degree programme consists of two equal components: the course component and the independent research component. The State final attestation that includes passing of the State final examination and the defence of a thesis completes <i>Magistr/Master's</i> Degree studies. Teaching consists of lectures, seminars, workshops, and training, etc. Forms of assessment are tests, oral exams, and course papers. The <i>Magistr/ Master's</i> Degree thesis is a piece of independent research prepared under the guidance of a supervisor.

4.3 Programme details, individual credits gained and grades/ marks obtained:

№	Subjects	Credits ECTS	Grades
Year 1 (2016-2017)			
Semester 1			
1.	Foreign language	1	passed
2.	Machine learning	5	excellent
3.	Computer systems and microprogramming	5	passed
4.	Introduction to computer algebra	3	good
5.	Program conversion	5	excellent
6.	Modern data-bases	5	excellent
7.	Research work	6	-
	Total number of Credits:	30	
Semester 2			
8.	Foreign language	1	passed
9.	Computer vision and image processing	7	excellent
10.	Introduction to computer algebra	3	excellent
11.	Development of optimizing compilers	5	passed
12.	Project activity module	3	passed
13.	Research work	11	-
	Total number of Credits:	30	
Year 2 (2017-2018)			
Semester 3			
14.	Foreign language	2	excellent
15.	Project management	5	passed
16.	Neural networks	5	excellent
17.	Administration of computing clusters	5	passed
18.	Cross-platform applications development	5	passed
19.	Research work	8	-
	Total number of Credits:	30	
Semester 4			
20.	Internship	9	excellent
21.	Pre-diploma practice	6	excellent
22.	Research work	9	-
23.	State final examination and master's thesis "Implementation of Pattern Matching for PascalABC.NET"	6	excellent
	Total number of Credits:	30	
	Programme total:	120	

Note: a) In Russian Federation (RF) the study workload is evaluated in «академические часы» (*academicheskie chasy* – academic hours or AH). 1 AH = 45 minutes. Now it is possible to evaluate workload in RF Units (RFU, according to the RF Ministry of Education Recommendation № 14-52-988ин/13 from 28.11.2002). 1 RF Unit = 36 academic hours or 27 astronomical hours;

b) 1 week of full-time study = 54 AH = 1,5 RFU.

4.4 Grading scheme, grade distribution guidance:	Merit-based system	Grades ECTS	Definition	Numerical system	Correlation with the marks of the Russian system of education
	85-100%	A	Best results with insignificant mistakes	5	«отлично» (otlichno) excellent;
	70-84%	B	Upper-intermediate level with several mistakes	4	«хорошо» (khorosho) good;
	70-84%	C	Good work but with a number of serious mistakes	4	
	50-69%	D	Not bad work but with serious shortfalls	3	«удовлетворительно» (udovletvoritelno) satisfactory;
	50-69%	E	Level of knowledge equals minimal requirements	3	
	< 50%	FX	Additional effort is needed to get a credit	2	«неудовлетворительно» (neudovletvoritelno) a failed grade
	< 50%	F	Great additional efforts are needed	2	
	«зачтено» (zachteno) - passed (this represents that student has fully completed a course and has a good knowledge of a subject, and in numeric terms can be interpreted as “above or equal to 3”). «не зачтено» (ne zachteno) failed The lowest passing grade is «удовлетворительно» (satisfactory). Students are only permitted to enroll in the next year of study and to be awarded a diploma if they have passing grades in each subject of the curriculum.				
4.5 Overall classification of the qualification	With Distinction				
General Point Average (GPA)	4.90 (out of 5.0) 3.94 (out of 4.0)				

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1 Access to further study:	Master degree entitles their holders to be admitted to postgraduate educational programmes.
5.2 Professional status:	This Diploma gives the right to carry out professional activities where higher education is necessary.

6. ADDITIONAL INFORMATION

6.1 Additional information:	<p>Information on previous names of the university Southern Federal University is a legal successor to Rostov State University. In accordance with the legislative act of the Government of the Russian Federation of November 23, 2006 No. 1616-p, the State Establishments of Higher Professional Education "Rostov State University", "Rostov State Academy of Architecture and Arts", "Rostov State Pedagogical University", and "Taganrog State Radio Technical University" were reorganized by merging into the Federal State Educational Establishment of Higher Professional Education "Southern Federal University".</p> <p>The Decree of the Federal Agency for Education of February 17, 2010 No. 125 established the Federal State Autonomous Educational Establishment of Higher Professional Education "Southern Federal University" by changing the type of the pre-existing institution.</p> <p>The Decree of the Ministry of Education and Science of the Russian Federation of August 29, 2014 No.1158 renamed the university into the Federal State Autonomous Educational Establishment of Higher Education "Southern Federal University".</p> <p>Quality and ranking Southern Federal University is ranked: 531-540 in the QS World University Rankings 2022; 4th in terms of quality of education according to the Interfax Russian University Rankings 2021.</p>
6.2 Further information sources:	<p>Southern Federal University: https://sfedu.ru/index_eng.php For information on internationally accredited study programmes: https://welcome.sfedu.ru/sfedu-programm_en.html Ministry of Science and Higher Education of the Russian Federation: https://minobrnauki.gov.ru/# National Information Centre for Education Evaluation: http://nic.gov.ru/en/inrussia/eduinfo</p>

7. CERTIFICATION OF THE SUPPLEMENT

This Diploma Supplement refers to the following original documents:

Magistr Diploma -----, date of issue: -----

7.1 Date:	-----
7.2 The name and signature: 7.3 Appointment:	Maxim G. Bondarev _____ Vice-Rector for Projects
7.4 Official stamp:	

8. DESCRIPTION OF THE NATIONAL EDUCATION SYSTEM

Diagram of Russian education system

