DIPLOMA SUPPLEMENT

NATIONAL RESEARCH UNIVERSITY

REFERENCE

107704 № 0006293

CONTROL NUMBER

R-O003-3257

Following the model developed by:

***UNESCO - CEPES**
***COUNCIL OF EUROPE**
***EUROPEAN COMMISSION**

This Diploma Supplement follows the model 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.

Extra long life paper.
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DIPLOMA SUPPLEMENT

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1 Family Name(s)
PLANKINA

Планкина

1.2 Given Name(s)
ELENA

Елена Сергеевна

1.3 Date of Birth
23 November 1992

1.4 Student Identification Number
107704 № 0006293

2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1 Name of Qualification and Title Conferred
Bachelor

Бакалавр

2.1.1 Date of Award
18 June 2014

18 июня 2014

2.2 Main Field(s) of Study for the Qualification
Business Informatics

Бизнес-информатика

2.2.1 Concentration
Business Informatics

Бизнес-информатика

2.3 Name of Institution Awarding Qualification
National Research University Higher School of Economics (Higher School of Economics/HSE)
Федеральное государственное автономное образовательное учреждение высшего профессионального образования «Национальный исследовательский университет «Высшая школа экономики»
(Высшая школа экономики/НИУ ВШЭ)

2.4 Name of Institution Administering Studies
Same as in 2.3

2.5 Language(s) of Instruction/Examination
Russian and English
Русский и английский

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

3.1 Level of Qualification
Bachelor
Бакалавр

First stage tertiary university level education according to the International Standard Classification of Education (ISCED) (According to the National Qualifications Framework of the Russian Federation - Level 6)

3.2 Official Length of Programme:
4 years, 240 credits
4 года, 240 кредитов

3.3 Access Requirements(s)
A Certificate of completed general secondary education and results of the unified state examinations or entrance examinations

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1 Mode of Study
Full Time Education

4.2 Programme Requirements
The Degree provides a more academically than professionally oriented education. Teaching consists of lectures, seminars, workshops, laboratory works, etc. Forms of assessments: tests, exams, term papers, internships, the Final Assessment (includes the State Interdisciplinary Examination and the public defence of Graduation Thesis). Students are admitted to the Final Assessment after they have achieved passing grades in each subject of the curriculum.

4.3 Programme Details
Содержание программы

UNIT TITLE /НАИМЕНОВАНИЕ ДИСЦИПЛИНЫ	CREDITS/ КРЕДИТЫ	FINAL GRADE/ ИТОГОВАЯ ОЦЕНКА	ECTS GRADE/ ОЦЕНКА
CURRICULUM (COMPULSORY AND ELECTIVE COURSES) / ПРОГРАММА ОБУЧЕНИЯ (ОБЯЗАТЕЛЬНЫЕ КУРСЫ И ДИСЦИПЛИНЫ ПО ВЫБОРУ)			
Data Analysis and Forecasting / Анализ и прогнозирование данных	4,5	6/зачтено	B-
Business Processes Analysis and Improvement / Анализ и совершенствование бизнес-процессов	6	7/хорошо	B+
Enterprise Architecture / Архитектура предприятия	6	8/отлично	A-
IT Business and IT Innovations / Бизнес и инновации в сфере ИКТ	4	6/зачтено	B-
Accounting / Бухгалтерский учёт	3	8/зачтено	A-
Geometry and Algebra / Геометрия и алгебра	6	4/удовл	C-
Discrete Mathematics / Дискретная математика	7,5	6/хорошо	B-
Simulation Modeling / Имитационное моделирование	4,5	8/зачтено	A-
Foreign Language (English) / Иностранный язык (английский)	17	8/зачтено	A-
Information Processes, Systems and Networks / Информационные процессы, системы и сети	6	8/зачтено	A-
Corporate Finance / Корпоративные финансы	3	7/зачтено	B+
Cultural Studies / Культурология	5,5	9/отлично	A
Logistics and Value Chain Management / Логистика и управление цепями поставок	4,5	8/зачтено	A-
Mathematical Analysis (Calculus) / Математический анализ	10,5	6/хорошо	B-
Management / Менеджмент	7,5	9/зачтено	A
Methods of Decision-Making / Методы принятия решений	7,5	7/хорошо	B+
Modeling of Processes and Systems / Моделирование процессов и систем	7,5	9/отлично	A
Scientific Seminar «Software Models Verification» / Научный семинар «Верификация моделей и программ»	3	10/зачтено	A+
Scientific Seminar «Fundamentals of Business Modelling» / Научный семинар «Основы бизнес-моделирования»	3	8/зачтено	A-
Research Seminar (Introduction to Speciality) / Научный семинар (введение в специальность)	1,5	7/зачтено	B+
Programming / Программирование	13,5	7/хорошо	B+
Theoretical Foundations of Computer Science and Computer Architecture / Теоретические основы информатики и архитектура ЭВМ	6	6/хорошо	B-
Probability Theory and Mathematical Statistics / Теория вероятностей и математическая статистика	6	6/хорошо	B-
Theory and Methods of Translation and Compilation / Теория и средства трансляции и компиляции	4	8/отлично	A-
Organization Theory / Теория организации	4,5	7/хорошо	B+
Systems Theory and System Analysis / Теория систем и системный анализ	5	9/зачтено	A
Data Management / Управление данными	12	6/хорошо	B-
Project Management / Управление проектами	4	7/зачтено	B+
Physical Training / Физическая культура	2	8/зачтено	A-
Philosopy and Logic of Science / Философия и логика науки	5,5	7/хорошо	B+
Economics of the Firm / Экономика фирмы	5	8/отлично	A-
Economic Theory (Macroeconomics) / Экономическая теория (Макроэкономика)	4	6/хорошо	B-
Economic Theory (Microeconomics) / Экономическая теория (Микроэкономика)	4,5	7/хорошо	B+
Economic Theory and Institutional Economics / Экономическая теория и институциональная экономика	9	6/хорошо	B-
TERM PAPERS / КУРСОВЫЕ РАБОТЫ			
Creation of the Environment for Registration and Processing of Users' Data / Создание среды для регистрации и обработки данных пользователей	5	8/зачтено	A-
Application of Neuro-Networks Algorithms for Design of Organizational Structures / Применение нейросетевых алгоритмов для проектирования организационных структур	5	9/отлично	A
INTERNSHIPS, RESEARCH WORKS AND SEMINARS / ПРАКТИКИ И НАУЧНО-ИССЛЕДОВАТЕЛЬСКАЯ РАБОТА			
Graduation Practice / Преддипломная практика	9	9/зачтено	A
Work Experience Internship / Производственная практика	6	7/зачтено	B+
Scientific Workshop / Научный семинар	3	9/зачтено	A
FINAL STATE EXAMS / ИТОГОВЫЕ ГОСУДАРСТВЕННЫЕ ЭКЗАМЕНЫ			
Foreign Language (English) / Иностранный язык (английский)	3	8/отлично	A-
GRADUATION THESIS / ВЫПОЛНЕНИЕ И ЗАЩИТА ВЫПУСКНОЙ КВАЛИФИКАЦИОННОЙ РАБОТЫ			
Development and Analysis of a Neural Network Algorithm for Designing Flexible Organizational Structures / Разработка и анализ нейросетевого алгоритма для создания гибких организационных структур	6	8/отлично	A-
NUMBER OF CREDITS / ИТОГО ПО ОСНОВНОЙ ПРОГРАММЕ	240		
OPTIONAL COURSES / ФАКУЛЬТАТИВНЫЕ ДИСЦИПЛИНЫ			
Differencial and Difference Equations / Дифференциальные и разностные уравнения	4,5	6/хорошо	B-
Foreign Language (French) / Иностранный язык (французский)	12	6/зачтено	B-
Foreign Language for Professional Communication / Иностранный язык для профессионального общения	4,5	10/зачтено	A+
Marketing in the Field of Information Technologies / Маркетинг в области информационных технологий	3	7/зачтено	B+

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Numerical Methods / Численные методы	4,5	6/зачтено	B-
Web-Technologies / Веб технологии	3	9/зачтено	A
Cross-Cultural Comunications in Business / Межкультурные коммуникации в бизнесе	1,5	9/зачтено	A
Rhetoric and Oral Communications / Риторика и речевые коммуникации	2	10/зачтено	A+
Electronic Library Resources / Электронные библиотечные ресурсы	1,5	6/зачтено	B-
NUMBER OF CREDITS / ИТОГО ПО ФАКУЛЬТАТИВНЫМ ДИСЦИПЛИНАМ	36,5		
TOTAL NUMBER OF CREDITS / ИТОГО КРЕДИТОВ	276,5		

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4.4 Grading Scheme

ECTS Grades		10-point scale	5-point scale	Pass/Fail Test
A +	Excellent	10	отлично	зачтено (Passed)
A	Very good	9	отлично	зачтено (Passed)
A –	Very good	8	отлично	зачтено (Passed)
B +	Good	7	хорошо	зачтено (Passed)
B –	Good	6	хорошо	зачтено (Passed)
C +	Satisfactory	5	удовлетворительно	зачтено (Passed)
C –	Satisfactory	4	удовлетворительно	зачтено (Passed)
F	Fail	3	неудовлетворительно	не зачтено (Fail)
F	Fail	2	неудовлетворительно	не зачтено (Fail)
F	Fail	1	неудовлетворительно	не зачтено (Fail)

Credits Workload of student's training activity in National Research University Higher School of Economics (HSE) is defined in academic hours and credits. One academic hour is equal to 40 minutes of students' studies (both in theory and in practice). One credit is equal to 32 – 36 academic hours (24 – 30 hours) depending on complexity of studied discipline.

Academic Performance Rating There are two forms of final academic performance rating in HSE: examination and test. As a rule educational institutions in Russian Federation apply 5-point grading scale in respect for students' knowledge. Educational outcomes of students in HSE are estimated by 10- point grading scale. Disciplines with final control in test form may also contain the mark in 10- point grading scale. Students of HSE are taught according to annual approved curriculum based on educational standards defining the contents, the forms, the goals and the terms of education. Regulatory time limit for full-time courses is the following: four years for obtaining the bachelor's degree, five years for obtaining the specialist's degree, two years for obtaining the master's degree. Student's pass to the next year of education is possible after getting the "pass" grade or higher in all disciplines of the current year of studies. Students who have completed the plan of studies in full size receive the diploma of higher education and obtain the qualification corresponding to their educational level.

4.5 Overall Classification

Diploma without Distinction

Диплом без отличия

In the Russian Federation Diplomas with Distinction (degrees with honors) are awarded to students who have passed the state examination and defended the final qualifying work perfectly (ECTS - A) and have only good (ECTS -B) and excellent (no less than 75 % of the total) marks for all examinations, which they passed while studying at the university.

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1 Access to Further Study

The Degree allows to access the master's degree courses

5.2 Professional Status

Business Informatics bachelor'graduates are prepared for the design, application, analysis and support of corporate information systems, for the implementation of ICT for the strategic development of enterprises and companies and for analytical and operational business tasks. They manage the information resources of enterprises and engage in business activities based on innovations in the ICT sphere.

6. ADDITIONAL INFORMATION

6.1 Additional information

Higher School of Economics was founded on November 20, 1992 in Moscow (Russia) on the initiative of renowned Russian economists and leading reformers. In August 2008 the HSE became one of three Russian Universities operating under the auspices of the Government of the Russian Federation. In October 2009 the Higher School of Economics was awarded the status of a National Research University. Higher School of Economics is licensed to hold educational activities in the field of higher education and accredited by Federal Service for Supervision in Education and Science.

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6.2 Additional Information Sources:

Official website of the National Research University Higher School of Economics (HSE) - **www.hse.ru**

Official website of the Ministry of Education and Science of The Russian Federation - **mon.gov.ru**

Official website of the National Accreditation Agency - **www.nica.ru**

7. CERTIFICATION OF THE SUPPLEMENT

7.1 Capacity

First Vice-rector

Первый проректор

7.2 Signature

V.V. Radaev

В.В. Радаев

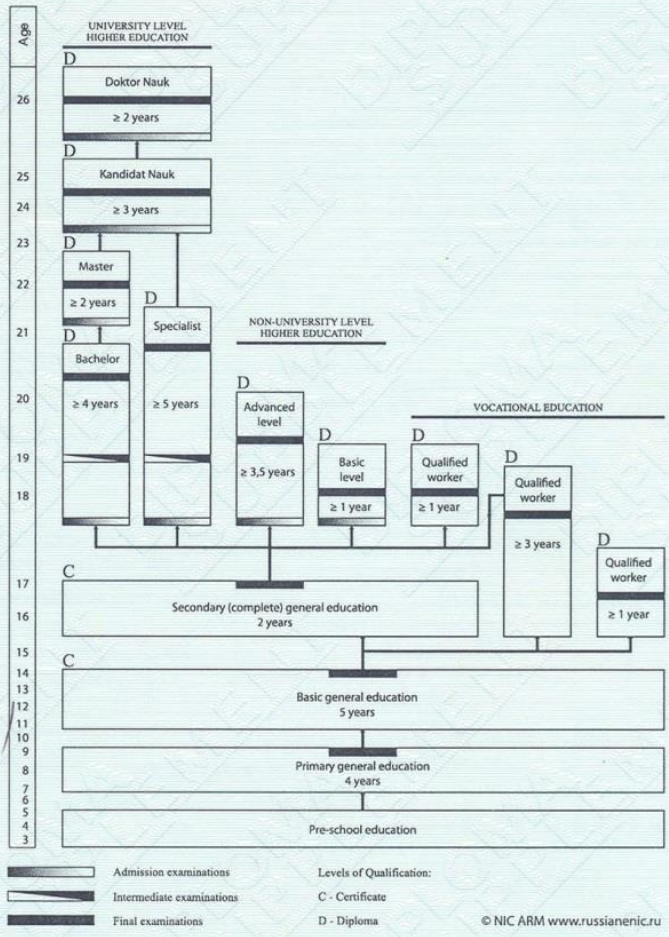
7.3 Date of Signature

02 July 2014

02 июля 2014

7.4 Official stamp

8. INFORMATION ABOUT RUSSIAN EDUCATIONAL SYSTEM



Signa S.A.