EUROPEAN DIPLOMA SUPPLEMENT

NEW BULGARIAN UNIVERSITY – Sofia

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.

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

NGUYEN
1.1. FAMILY NAME(S):

QUYET HUU
1.2. GIVEN NAME(S):

25 November 1993, Ha Tinh, Vietnam
1.3. DATE OF BIRTH:

F089497 PIN C1877988   UAN: QA30708
1.4. STUDENT IDENTIFICATION NUMBER OR CODE:

2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1. NAME OF THE QUALIFICATION AND TITLE CONFERRED (IN ORIGINAL LANGUAGE):

Informatik*
spetsializatsia "Prilozhna informatika"*

Informatic
specialization "Applied Informatics"

2.2. MAIN FIELD(S) OF STUDY FOR THE QUALIFICATION:

According to the National classifier:
code 4.6. Informatics and Computing

According to ISCED 1997:
code 48. Computing

2.3. NAME AND STATUS OF AWARDING INSTITUTION (IN ORIGINAL LANGUAGE):

NOV BALGARSKI UNIVERSITET – Sofia*
(NEW BULGARIAN UNIVERSITY – Sofia)
www.nbu.bg

University, Private Institution, recognised by the State, granted Institutional Accreditation by the NATIONAL EVALUATION AND ACCREDITATION AGENCY

www.neaa.government.bg

2.4. NAME AND STATUS OF INSTITUTION ADMINISTERING STUDIES (IN ORIGINAL LANGUAGE):

BAKALAVARSKI FAKULTET*
(UNDERGRADUATE SCHOOL)

2.5. LANGUAGE(S) OF INSTRUCTION / EXAMINATION:

Bulgarian

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

BACHELOR
According to ISCED 1997: code 5A
3.1. LEVEL OF QUALIFICATION:

four-years of full-time study
3.2. OFFICIAL LENGTH OF PROGRAMME:

Completed secondary school education, test of general educational achievement
Further details: www.nbu.bg
3.3. ACCESS REQUIREMENTS:

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

Full – Time
4.1. MODE OF STUDY:

4.2. PROGRAMME REQUIREMENTS:
Total number of credits - 250; foundation studies (incl. a foreign language) - 48 credits; courses - 72 credits;
courses from the selected module - 66 credits;
self study courses - 54 credits;
Bachelor's Thesis - 10 credits.
Further details: www.nbu.bg

Please, see next page
4.3. PROGRAMME DETAILS:

4.4. GRADING SCHEME AND GRADE DISTRIBUTION GUIDANCE:

NATIONAL GRADE		ECTS GRADE	
Excellent	5.50 ÷ 6.00	A	90% ÷ 100%
Very good	4.50 ÷ 5.49	B	70% ÷ 89%
Good	3.50 ÷ 4.49	C	50% ÷ 69%
Fair	3.00 ÷ 3.49	D, E	40% ÷ 49%
Fail	2.00	Fx, F	0% ÷ 39%

4.5. OVERALL CLASSIFICATION OF THE QUALIFICATION (IN ORIGINAL LANGUAGE):

N / A

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1. ACCEESS TO FURTHER STUDY:
Access to the Second Degree (MASTER)

5.2. PROFESSIONAL STATUS (IF APPLICABLE):
The students who have completed the programme have acquired:
knowledge of the mathematical bases of informatics, languages and programme environments, algorithms and data structures, computer architectures, networks and operation systems, data bases and information systems, means and technologies for designing Internet applications, multimedia technologies

6. ADDITIONAL INFORMATION

6.1. ADDITIONAL INFORMATION:

ECTS Co-ordinator:
6.2. FURTHER INFORMATION SOURCES:
Assoc. Prof. Kristiyan Postadzhiyan, PhD

Phone: +359 28110225
E-mail: kpostagian@nbu.bg

№	CODE	COURSE UNIT TITLE	DURATION	NATIONAL GRADE		ECTS GRADE		TEACHING HOURS	ECTS CREDITS
1.	BFL100	Bulgarian (for foreign students enrolled in a preparatory program)	IS	Very good	5.00	B	80	450	24
2.	OOKC009	Swimming	IS	Pass	_	Pass	_	30	
3.	BFL200	Bulgarian (for foreign students enrolled in a preparatory program)-Level B2	IS	Very good	5.00	B	80	450	24
4.	OOKC016	Chess	IS	Pass	_	Pass	_	30	
5.	OOOK501	Computer skills, PC (for majors taught in English)	IS	Excellent	6.00	A	100	30	3
6.	OOOK607	Linguistic Competence (for foreign students enrolled in a preparatory program in Bulgarian	IS	Excellent	6.00	A	100	90	9
7.	CSCB007	Operating Systems	IS	Very good	4.50	B	70	30	3
8.	CSCB008	Computer Architectures	IS	Good	4.00	C	60	30	3
9.	CSCB036	Discrete Mathematics	IS	Good	4.00	C	60	30	3
10.	CSCB112	Programming	IS	Excellent	5.50	A	90	60	6
11.	CITB305	Java Programming	IS	Very good	5.00	B	80	30	3
12.	CITB406	Labs in Java	IS	Excellent	6.00	A	100	30	3
13.	CITB558	Web-programming with HTML and JavaScript	IS	Excellent	6.00	A	100	30	
14.	CSCB029	Algorithms and Programming	IS	Very good	4.50	B	70	30	3
15.	CSCB034	Labs in Algorithms and Programming	IS	Excellent	6.00	A	100	30	3
16.	CSCB212	Object-Oriented Programming	IS	Excellent	5.50	A	90	60	6
17.	GENB002B	Statistics	IY	Very good	4.50	B	70	60	6
18.	GENB004B	Electronics	IY	Fair	3.00	D	40	60	6
19.	GENB005	Fundamentals of Informatics	IY	Excellent	6.00	A	100	60	6
20.	GENB045	Mathematical Analysis	IY	Excellent	6.00	A	100	60	6
21.	CSCB024	Practicum in Programming and Internet Technologies	IS	Excellent	6.00	A	100	90	9
22.	CSCB405	Databases and Database Management Systems	IS	Fair	3.00	D	40	30	3
23.	CSCB516	Individual course work: Programming with Java	IS	Excellent	6.00	A	100	30	3
24.	CSCB520	JavaScript и NodeJS	IS	Very good	4.50	B	70	30	3
25.	CSCB525	Applied Programming in Java	IS	Excellent	5.50	A	90	30	3
26.	CSCB579	Programming Applications in Microsoft Visual C# .NET	IS	Excellent	6.00	A	100	30	3
27.	CSCB631	Probability and Statistics - Calculations and Applications	IS	Good	3.50	C	50	30	
28.	CSCB688	Internet Script Languages (PHP)	IS	Very good	4.50	B	70	30	3
29.	CSCB025	Practicum in Programming and Implementation of Databases	IS	Excellent	6.00	A	100	90	9
30.	CSCB411	Operating Systems (Linux)	IS	Excellent	5.50	A	90	30	
31.	CSCB506	Programming Graphic Applications	IS	Very good	5.00	B	80	30	3
32.	CSCB509	Integrated Java applications in a Visual Environment	IS	Excellent	6.00	A	100	30	3
33.	CSCB651	Fundamentals of Multimedia Presentations	IS	Very good	4.50	B	70	30	3
34.	CSCB686	Distributed and Object Oriented Databases	IS	Fair	3.00	D	40	30	3
35.	CSCB699	Independent study: Multimedia Representation	IS	Very good	5.00	B	80	30	3
36.	CSCB766	Programming with ASP .NET	IS	Very good	5.00	B	80	30	3
37.	CSCB026	Internship in Programming	IS	Excellent	6.00	A	100	120	12
38.	CSCB700	Search Engine Optimization	IS	Very good	5.00	B	80	30	3
39.	CSCB732	Software Engineering	IS	Good	4.00	C	60	30	3
40.	CSCB734	Client-Server Information Systems	IS	Fair	3.00	D	40	30	3
41.	CSCB742	Cloud Technologies	IS	Very good	5.00	B	80	30	3
42.	CSCB743	Processing Large Data Sets	IS	Excellent	6.00	A	100	30	3
43.	CSCB747	Design and Development of Multimedia Products	IS	Very good	5.00	B	80	30	
44.	CSCB869	Java Web Services	IS	Very good	5.00	B	80	30	3
45.	CSCB027	Internship	IS	Excellent	6.00	A	100	180	18
46.	CSCB705	Image Classification and Recognition	IS	Excellent	6.00	A	100	30	3
47.	CSCB800	Practical introduction to software testing	IS	Fair	3.00	D	40	30	3
48.	CSCB847	Software Projects Development	IS	Excellent	5.50	A	90	30	
49.	CSCB854	Current Trends in Internet Technologies	IS	Excellent	6.00	A	100	30	3
50.	CITB714	Mobile Devices Programming	IS	Good	4.00	C	60	30	3

4.3. PROGRAMME DETAILS (THIS INFORMATION IS USED HERE FROM AN OFFICIAL TRANSCRIPT):

№ CODE	COURSE UNIT TITLE	DURATION	NATIONAL GRADE		ECTS GRADE		TEACHING HOURS	ECTS CREDITS
FROM PAGE 2								
51. CSCB845	Computer Security	1S	Very good	5.00	B	80	30	3
52. CSCB857	Current Trends in Web Design	1S	Excellent	6.00	A	100	30	3
53. CSTB645	UX Design: Functional design of customer software	1S	Excellent	6.00	A	100	30	3

* * *

		NATIONAL GRADE		ECTS GRADE		TEACHING HOURS	ECTS CREDITS
OVERALL AVERAGE:		Very good	5.06	B	81%	3,030	240
State Examination		Good	3.50	C	50%		10
OVERALL AWARD AVERAGE:		Good	4.28	C	65%		
TOTAL:						3,030	250

7. CERTIFICATION OF THE SUPPLEMENT

This European Diploma Supplement is valid with Diploma № 039199/2023   END: 53943TY

7.1. DATE:

19 September 2023

7.2. NAME AND SIGNATURE:

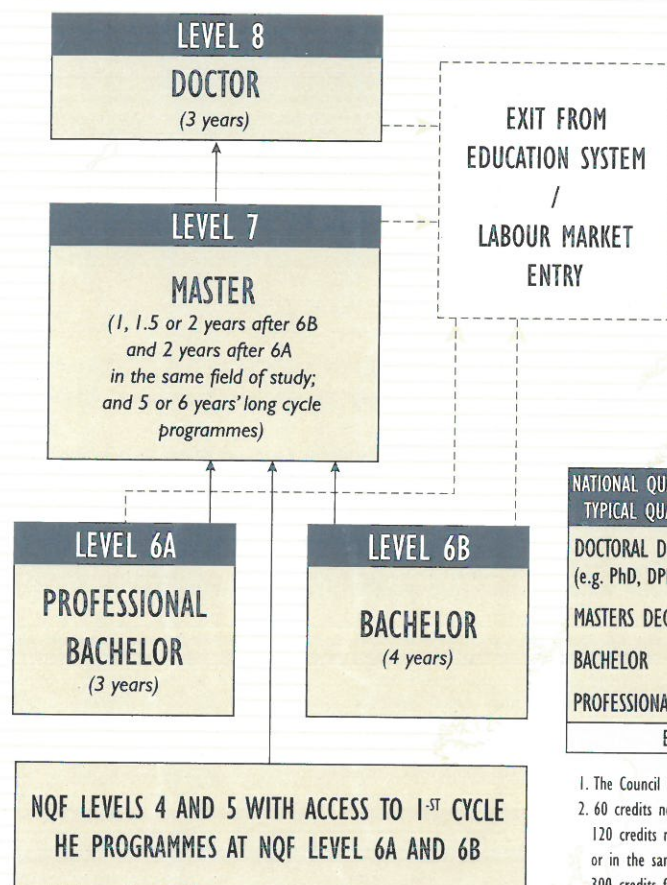Assoc. Prof. Iliya Kozhuharov, PhD

7.3. CAPACITY:

DEAN

UNDERGRADUATE SCHOOL

7.4. OFFICIAL STAMP OR SEAL:

STUDENT PATHWAYS IN THE REPUBLIC OF BULGARIA

LEVEL 8

DOCTOR

(3 years)

EXIT FROM EDUCATION SYSTEM / LABOUR MARKET ENTRY

LEVEL 7

MASTER

(1, 1.5 or 2 years after 6B
and 2 years after 6A
in the same field of study;
and 5 or 6 years' long cycle
programmes)

LEVEL 6A

PROFESSIONAL BACHELOR

(3 years)

LEVEL 6B

BACHELOR

(4 years)

NQF LEVELS 4 AND 5 WITH ACCESS TO 1ST CYCLE HE PROGRAMMES AT NQF LEVEL 6A AND 6B

LOCATION OF BULGARIAN HIGHER EDUCATION INSTITUTIONS

Ruse, Svishtov, Pleven, Dobrich, Shumen, Varna, Veliko Tarnovo, Botevgrad, Gabrovo, Sofia, Burgas, Stara Zagora, Plovdiv, Blagoevgrad

NATIONAL QUALIFICATIONS FRAMEWORK[1] TYPICAL QUALIFICATIONS	LEVEL	EQF FOR LLL LEVEL	FQ — EHEA CYCLE	CREDIT	
				TYPICAL IN BULGARIA	ECTS CREDIT RANGES
DOCTORAL DEGREES (e.g. PhD, DPhil.)	8	8	3RD CYCLE	TYPICALLY NOT CREDIT RATED	TYPICALLY NOT CREDIT RATED
MASTERS DEGREES	7	7	2ND CYCLE	$60 \div 300$[2]	$60 \div 120$
BACHELOR	6B	6	1ST CYCLE	240	$180 \div 240$
PROFESSIONAL BACHELOR	6A	5	SHORT CYCLE	180	120
ENTRY TO HIGHER EDUCATION WIYH A SECONDARY EDUCATION DIPLOMA					

1. The Council of Ministers' Decision No 96 of 02 February 2012
2. 60 credits needed for graduation if the student enters the programme with a Bachelor degree in the same subject field.
120 credits needed, if the student enters the Master's programme with a Bachelor degree in a different subject field,
or in the same subject field, but with a Professional Bachelor degree at level 6A.
300 credits for long cycle pregrammes, offering higher education degrees only at Master's level (e.g. Law, Medicine etc.).

Holders of diplomas of completed secondary education have the rights to continue their studies without restrictions as to the type of the higher school. Admission to higher school is based on successfully passed entrance examinations. The type and the number of these examinations are defined by the higher schools and are closely related to their profile.

The requirements for student admission, depending on the type of the higher school and the given speciality, comprise written competitive examinations (one or more), tests (with different volume and structure) and a diploma of completed secondary education. The autonomy of the higher schools gives them the rights to define on annual basis the admission requirements. The admission procedure for each speciality is defined on annual basis and made public in the Guide of respective higher school.

The system of higher education provides training after completed secondary education and comprises the following degrees:

8.1. BACHELOR'S EDUCATIONAL AND QUALIFICATION DEGREE.
According to the curriculum the acquisition of that degree requires:
a) minimum 180 credits with a duration of the studies of at least three years leading to the Professional Bachelor in…degree;
b) minimum 240 credits with a duration of at least four years leading to the Bachelor's degree.

8.2. MASTER'S EDUCATIONAL AND QUALIFICATION DEGREE.
The requirements for the acquisition are as follows:
a) minimum 300 credits according to the curriculum with a duration of the studies of at least five years;
b) minimum 120 credits for holders of Professional Bachelor in … degree
c) minimum 60 credits for holders of Bachelor's degree.

Colleges organize training for the acquisition of the Professional Bachelor in … educational and qualification degree that provides specialized vocational training in the respective professional sectors and specialities.

Holders of the Professional Bachelor in … educational and qualification degree can continue their training for the Master's educational and qualification degree only in the same professional sector in compliance with the terms and conditions laid down in the Rules of the higher school or in the State Requirements.

Studies for Bachelor's degree organized in complains with the curriculum provide multi — profiled training or specialized vocational training in professional sectors and specialities. Studies for Master's degree provide profound fundamental training combined with profile — oriented training within a given speciality.

8.3. STUDIES FOR DOCTOR'S EDUCATIONAL AND SCIENTIFIC DEGREE
are carried out in scientific specialities. Diplomas for completed degree are issued upon the successful completion of all duties included in the curriculum, irrespective of the calendar duration of studies.