Мирела Свиленова Йосифова

ЕГН 9703051430, родена на 05.03.1997 година,
в град Велико Търново,
област Велико Търново, Република България,
гражданство Република България, ЕАН WE31230

професионално направление
ИНФОРМАТИКА И КОМПЮТЪРНИ НАУКИ

по специалност
ИНФОРМАТИКА И КОМПЮТЪРНИ НАУКИ

с професионална квалификация
БАКАЛАВЪР ПО КОМПЮТЪРНИ НАУКИ

Продължителност на обучението по учебен план - 8 семестъра

Среден успех от курса на обучение: **Мн. добър 5,02**
Оценка от защита на дипломна работа: **Добър 4,00**
Общ брой кредити: **240**

Протокол на Държавната изпитна комисия
№ 11 / 18.05.2024

ДЕКАН
проф. д-р Антон Грозданов
(подпис и печат на ВСУ)

Регистрационен № 2-559 / 30.10.2024 г., ЕНД 56160XL

РЕПУБЛИКА БЪЛГАРИЯ

ДИПЛОМА

— ЗА —

ВИСШЕ ОБРАЗОВАНИЕ

ВАРНЕНСКИ СВОБОДЕН УНИВЕРСИТЕТ
"ЧЕРНОРИЗЕЦ ХРАБЪР"
град Варна
Факултет "Социални, стопански и компютърни науки"

(печат)   (подпис на притежателя)

ДИПЛОМА

на

Мирела Свиленова Йосифова

ЗА ВИСШЕ ОБРАЗОВАНИЕ
НА ОБРАЗОВАТЕЛНО-КВАЛИФИКАЦИОННА СТЕПЕН

БАКАЛАВЪР

професионално направление
ИНФОРМАТИКА И КОМПЮТЪРНИ НАУКИ

по специалност
ИНФОРМАТИКА И КОМПЮТЪРНИ НАУКИ

с професионална квалификация
БАКАЛАВЪР ПО КОМПЮТЪРНИ НАУКИ

ДЕКАН: РЕКТОР:

№ 040761

проф. д-р Антон Грозданов   проф. д-р Петър Христов
(подпис)   (подпис и печат с държавен герб)

Среден успех от курса на обучение: **Мн. добър 5,02**

Защитена дипломна работа на тема:

Разработване на виртуален асистент с изкуствен интелект за подпомагане на психичното здраве

Оценка от защита на дипломна работа: **Добър 4,00**

Брой кредити: 10

Приложението е невалидно без диплома

електронен номер - 56160XL

и регистрационен № 2-559 / 30.10.2024 г.

ДЕКАН:

проф. д-р Антон Грозданов

(подпис)

РЕКТОР:

проф. д-р Петър Христов

(подпис и печат)

ПРИЛОЖЕНИЕ

КЪМ ДИПЛОМА ЗА ВИСШЕ ОБРАЗОВАНИЕ
НА ОБРАЗОВАТЕЛНО-КВАЛИФИКАЦИОННА СТЕПЕН

БАКАЛАВЪР
на

Мирела Свиленова Йосифова

професионално направление
ИНФОРМАТИКА И КОМПЮТЪРНИ НАУКИ

по специалност
ИНФОРМАТИКА И КОМПЮТЪРНИ НАУКИ

Продължителност на обучението по учебен план - **четири** учебни години / **осем** семестъра, **дистанционна** форма на обучение

№	УЧЕБНИ ДИСЦИПЛИНИ, КУРСОВИ РАБОТИ И ПРАКТИКИ	ХОРАРИУМ АУДИТОРНА ЗАЕТОСТ л	ХОРАРИУМ АУДИТОРНА ЗАЕТОСТ у	ИЗВЪН-АУДИТОРНА ЗАЕТОСТ	БРОЙ КРЕ-ДИТИ	ОЦЕНКИ
1	Въведение в предприемачеството	30	0	60	3	Мн. добър 5
2	Въведение в компютърните науки	15	15	60	3	Отличен 6
3	Компютърни архитектури	15	15	60	3	Среден 3
4	Линейна алгебра и аналитична геометрия	30	30	120	6	Добър 4
5	Академично писане	30	30	120	6	Отличен 6
6	Програмиране	60	60	240	12	Отличен 6
7	Операционни системи	15	30	90	4.5	Добър 4
8	Уеб технологии	30	30	120	6	Отличен 6
9	Математически анализ	30	30	120	6	Отличен 6
10	ИТ средства за анализ на данни	15	30	90	4.5	Мн. добър 5
11	Обектно-ориентирано програмиране	30	30	120	6	Отличен 6
12	Структури от данни и алгоритми	30	30	120	6	Мн. добър 5
13	Потребителски интерфейси и използваемост	30	30	120	6	Отличен 6
14	Компютърни мрежи и комуникации	30	30	120	6	Мн. добър 5
15	Математически основи на информатиката	25	50	150	7.5	Среден 3
16	Бази данни	35	70	210	10.5	Среден 3
17	Вероятности и статистика	30	30	120	6	Добър 4
18	Програмиране с PHP	30	30	120	6	Мн. добър 5
19	Техники на програмиране	30	30	120	6	Мн. добър 5
20	3D моделиране и принтиране	30	30	120	6	Мн. добър 5

№	УЧЕБНИ ДИСЦИПЛИНИ, КУРСОВИ РАБОТИ И ПРАКТИКИ	ХОРАРИУМ		ИЗВЪН-АУДИТОРНА ЗАЕТОСТ	БРОЙ КРЕ-ДИТИ	ОЦЕНКИ
		АУДИТОРНА ЗАЕТОСТ				
		л	у			
21	JavaScript технологии	30	30	120	6	Отличен 6
22	Въведение в микроконтролерите	30	15	90	4.5	Отличен 6
23	Компютърна графика	30	15	90	4.5	Отличен 6
24	Програмиране с Python	30	30	120	6	Отличен 6
25	Криптография	30	30	120	6	Добър 4
26	Въведение в мениджмънта	30	0	60	3	Добър 4
27	Софтуерно инженерство	15	30	90	4.5	Отличен 6
28	Разработка на мобилни приложения	15	45	120	6	Отличен 6
29	Психология на интелекта	30	0	60	3	Мн. добър 5
30	Киберсигурност	15	30	90	4.5	Мн. добър 5
31	Уеб услуги и облачни технологии	15	45	120	6	Отличен 6
32	Анимация в уеб	15	45	120	6	Отличен 6
33	Функционално програмиране	15	45	120	6	Добър 4
34	Управление на бизнес процеси	45	15	120	6	Отличен 6
35	Софтуерни архитектури	30	30	120	6	Среден 3
36	Научноизследователски стаж	0	30	60	3	Отличен 6
37	Интелигентни системи	30	30	120	6	Добър 4
38	Електронен бизнес	30	30	120	6	Добър 4
39	Мултимедийни системи - практикум	0	30	60	3	Отличен 6
40	Уеб дизайн - практикум	0	30	60	3	Мн. добър 5
41	Операционни системи - практикум	0	30	60	3	Добър 4
42	Невронауки	15	15	60	3	Отличен 6
43	Преддипломна практика/стаж	0	50	100	5	Добър 4

✧

Оценките са по шестобалната система, при която най-високата е "Отличен 6", а най-ниската положителна – "Среден 3"

VARNA FREE UNIVERSITY "CHERNORIZETS HRABAR"

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

1.1. Last name(s):

Yosifova

1.2. First name(s):

Mirela Svilenova

1.3. Date of birth (day, month, year), place of birth, country, nationality:

5 March 1997, town of Veliko Tarnovo Republic of Bulgaria, Republic of Bulgaria

1.4. Student identification number or code (if available):

193010038, UAN WE31230

2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1. Name of qualification and (if applicable) title conferred (in original language):

Бакалавър по компютърни науки

2.2. Main field(s) of study for the qualification:

Computing and Computer Science

2.3. Name and status of awarding institution (in original language):

Варненски свободен университет "Черноризец Храбър"; Частно висше училище; Институционална акредитация от Националната агенция за оценяване и акредитация с оценка **9,21**; Решение на Акредитационния съвет протокол № 12 от 13.06.2019 г.

2.4. Name and status of institution (if different from 2.3) administering studies (in original languages):

—————————————

2.5. Language(s) of instruction/examination:

Bulgarian language

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

3.1. Level of qualification:

Higher Education - Bachelor

3.2. Official duration of programme in credits and/or years:

4 years

3.3. Access requirement (s):

Secondary school education
Student's Entrance Examination

4. INFORMATION ON THE PROGRAMME COMPLETED-CONTENTS AND THE RESULTS OBTAINED

4.1. Mode of study:

distance learning

4.2. Programme learning outcomes:

240 ECTS credits Including 10 ECTS credits from State Examinations or Diploma Thesis Defense

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

(if this information is available on an official transcript this should be used here)

Please, see page 2

4.4. Grading system and, if available, grade distribution table:

NATIONAL GRADE SYSTEM		ECTS Grade	
Excellent	5.50 – 6.00	A (10 %)	95 % – 100 %
Very good	4.50 – 5.49	B (25 %)	80 % – 94 %
Good	3.50 – 4.49	C (30 %)	61 % – 79 %
Fair	3.25 – 3.49	D (25 %)	46 % – 60 %
Fair	3.00 – 3.24	E (10 %)	40 % – 45 %
Fail	2.00	Fx	–
		F	

4.5. Overall classification of the qualification (in original language):

Ниво 6, подниво 6 Б по НКРРБ

/Националната квалификационна рамка на Република България/

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1. Access to further study:

Master's degree programmes

5.2. Access to a regulated profession (if available):

Bachelor in Computer Science

6. ADDITIONAL INFORMATION

6.1. Additional information:

Accredited by the National Agency for Evaluation and Accreditation

Varna Free University "Chernorizets Hrabar" is certified under the international standard ISO 9001:2015 and ISO 14001

European Executive Agency for Education and Culture (EACEA) awarded the Varna Free University "Chernorizets Hrabar" ERASMUS CHARTER FOR HIGHER EDUCATION for the entire duration of the program "Erasmus+"

6.2. Further information sources:

www.vfu.bg

№ 000721

1

№	Code	Subject	Semester	Workload	ECTS credits	ECTS Grade	Grade acc. to National Grade System
1.	MAT 1008	Linear Algebra and Analytic Geometry	1	180	6	C	Good 4
2.	INF 1516	Programming	1	360	12	A	Excellent 6
3.	INF1335	3D Modeling and Printing	1	180	6	B	Very good 5
4.	INF 1305	Introduction to Computer Science	1	90	3	A	Excellent 6
5.	MAN 1231	Introduction to Management	1	90	3	C	Good 4
6.	MAN 1071	Introduction to Entrepreneurship	2	90	3	B	Very good 5
7.	INF 1081	Databases	2	315	10.5	E	Fair 3
8.	MAT 1024	Mathematical Analysis	2	180	6	A	Excellent 6
9.	INF 1311	IT Tools for Data Analysis	2	135	4.5	B	Very good 5
10.	INF 1109	Operating Systems	2	135	4.5	C	Good 4
11.	INF 1518	Web Technologies	3	180	6	A	Excellent 6
12.	INF 1484	Programming in Python	3	180	6	A	Excellent 6
13.	INF 1526	Introduction to Microcontrollers	3	135	4.5	A	Excellent 6
14.	INF 1527	Cybersecurity	3	135	4.5	B	Very good 5
15.	MAT 1026	Mathematical Foundations of Computing	3	225	7.5	E	Fair 3
16.	INF 1062	Object-oriented Programming	4	180	6	A	Excellent 6
17.	INF 1046	Computer Graphics	4	135	4.5	A	Excellent 6
18.	INF 1047	Computer Architecture	4	90	3	E	Fair 3
19.	INF 1339	JavaScript Technologies	4	180	6	A	Excellent 6
20.	MAT 1018	Probability Statistics	4	180	6	C	Good 4
21.	INF 1260	Programming Techniques	4	180	6	B	Very good 5
22.	PSY1271	Neuroscience	5	90	3	A	Excellent 6
23.	PSY 1028	Psychology of Intellect	5	90	3	B	Very good 5
24.	INF 1108	Functional Programming	5	180	6	C	Good 4
25.	MAN 1257	Business Processes Management	5	180	6	A	Excellent 6
26.	INF 1070	Data Structures and Algorithms	5	180	6	B	Very good 5
27.	MAN 1059	E-Business	5	180	6	C	Good 4
28.	INF 1048	Computer Networks and Communications	6	180	6	B	Very good 5
29.	INF1524	Research Experience	6	90	3	A	Excellent 6
30.	INF 1425	Web Services and Cloud Technologies	6	180	6	A	Excellent 6
31.	INF 2300	Web Design Lab	6	90	3	B	Very good 5
32.	INF 1104	Multimedia Systems Lab	6	90	3	A	Excellent 6
33.	INF 1031	Web Animation	6	180	6	A	Excellent 6
34.	INF 1372	Intelligent Systems	7	180	6	C	Good 4
35.	INF 1069	PHP Programming	7	180	6	B	Very good 5
36.	INF 1456	Cryptography	7	180	6	C	Good 4
37.	SOC 1092	Academic Writing	7	180	6	A	Excellent 6
38.	INF 1481	Software Architectures	7	180	6	E	Fair 3
39.	INF1522	UI / UX	8	180	6	A	Excellent 6
40.	INF1523	Software Engineering	8	135	4.5	A	Excellent 6
41.	INF 1065	Operating Systems Lab	8	90	3	C	Good 4

№	Code	Subject	Semester	Workload	ECTS credits	ECTS Grade	Grade acc. to National Grade System
42.	INF 1065	Pre-graduation Internship	8	150	5	C	Good 4
43.	INF 1407	Mobile Applications Development	8	180	6	A	Excellent 6
		TOTAL FOR THE COURSE OF STUDY:		6900	230	B	Very good 5.02

STATE EXAMINATION TAKEN IN:

1.		Diploma Thesis Defense: : Development of a virtual assistant with artificial intelligence for					
		mental health support			10	C	Good 4.00
		TOTAL FOR THE STATE EXAMINATION :			10	C	Good 4.00

This European Diploma Supplement is valid only
With Diploma № 2-559/ 30.10.2024, EDN 56160XL

7. CERTIFICATION OF THE SUPPLEMENT

7.1. Date of issue.

Registration number: EDS – 2-559, 30 October 2024

7.2. Name of the authorized person issuing the supplement:

Prof. Anton Grozdanov, PhD   Prof. Petar Hristov Ph.D.

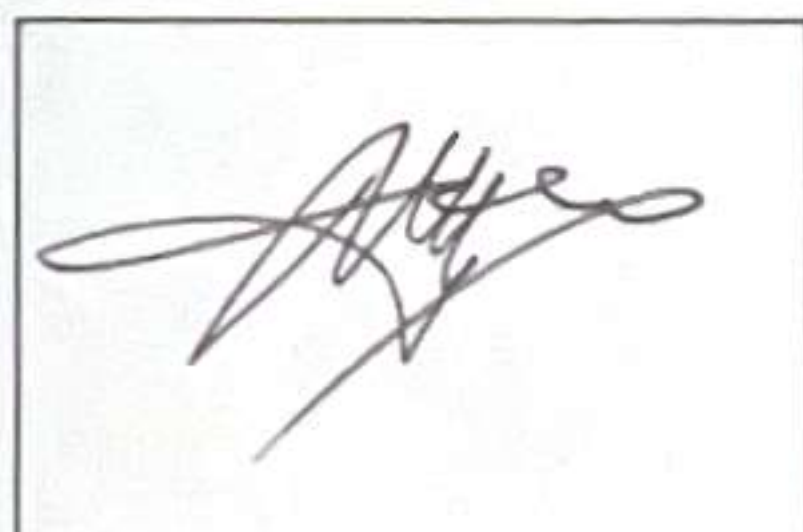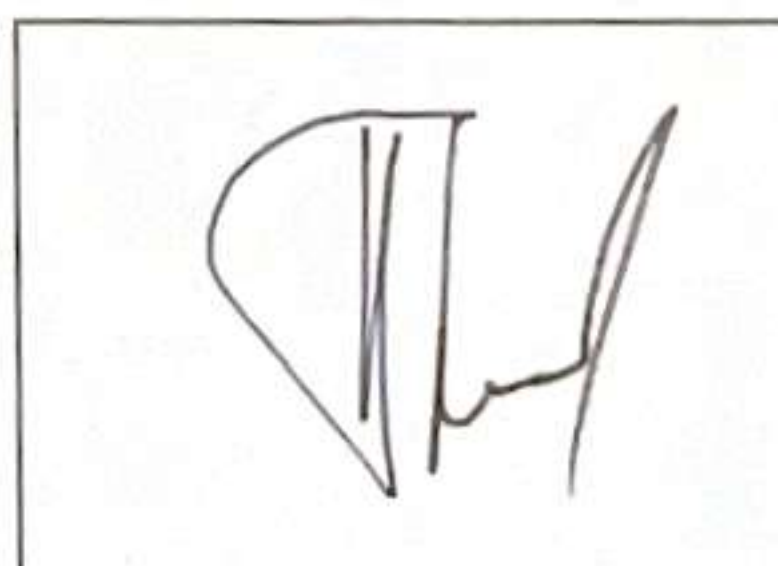7.3. Capacity of the authorized person:

Dean of the Faculty of Social, business and   Rector of VFU "Chernorizets Hrabar"

computer science

7.4. Official stamp or seal

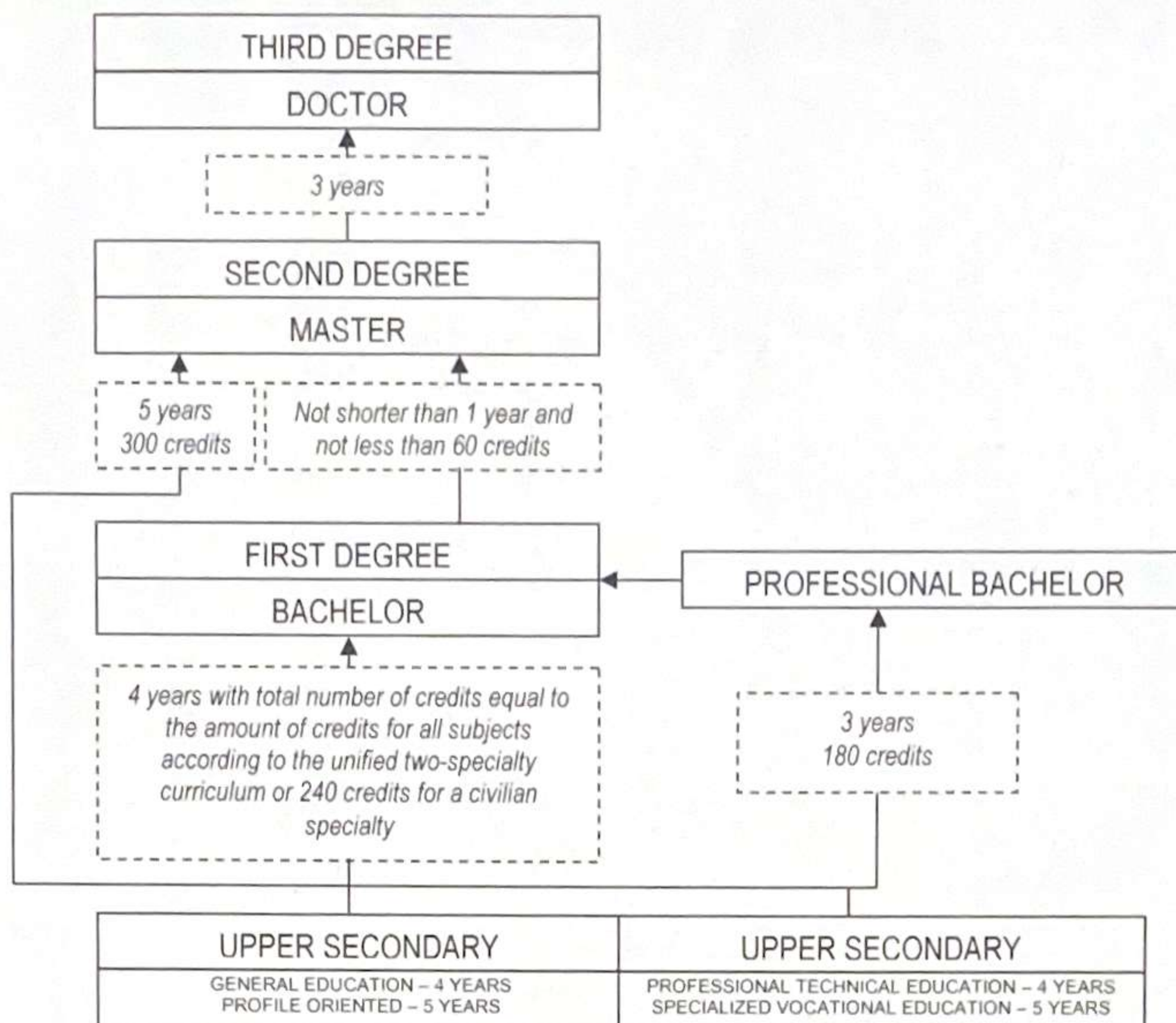Signature: Signature: of VFU "Chernorizets Hrabar"

8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

(prepared by the National ENIC/NARIC center of the Ministry of Education and Science)

STRUCTURE OF THE HIGHER EDUCATION SYSTEM IN BULGARIA

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                    ┌─────────────────────────┐
                    │      THIRD DEGREE        │
                    ├─────────────────────────┤
                    │        DOCTOR            │
                    └─────────────────────────┘
                              ▲
                    ┌ ─ ─ ─ ─ ─ ─ ─ ─ ─ ┐
                         3 years
                    └ ─ ─ ─ ─ ─ ─ ─ ─ ─ ┘
                    ┌─────────────────────────┐
                    │     SECOND DEGREE        │
                    ├─────────────────────────┤
                    │        MASTER            │
                    └─────────────────────────┘
                       ▲                ▲
           ┌ ─ ─ ─ ─ ─ ┐  ┌ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ┐
             5 years         Not shorter than 1 year and
             300 credits      not less than 60 credits
           └ ─ ─ ─ ─ ─ ┘  └ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ┘
     ┌─────────────────────────┐        ┌──────────────────────────┐
     │      FIRST DEGREE        │◄───────│  PROFESSIONAL BACHELOR   │
     ├─────────────────────────┤        └──────────────────────────┘
     │        BACHELOR          │                    ▲
     └─────────────────────────┘
             ▲
  ┌ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ┐   ┌ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ┐
   4 years with total number of            3 years
   credits equal to the amount of          180 credits
   credits for all subjects           └ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ┘
   according to the unified two-specialty
   curriculum or 240 credits for a civilian
   specialty
  └ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ┘
  ┌──────────────────────────────┐   ┌──────────────────────────────┐
  │       UPPER SECONDARY        │   │       UPPER SECONDARY        │
  ├──────────────────────────────┤   ├──────────────────────────────┤
  │ GENERAL EDUCATION – 4 YEARS  │   │ PROFESSIONAL TECHNICAL       │
  │ PROFILE ORIENTED – 5 YEARS   │   │ EDUCATION – 4 YEARS          │
  │                              │   │ SPECIALIZED VOCATIONAL       │
  │                              │   │ EDUCATION – 5 YEARS          │
  └──────────────────────────────┘   └──────────────────────────────┘
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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 schools 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 the respective higher school.

The higher schools, in compliance with a decision of the Academic council, can admit students without passing entrance examinations provided they have successfully sat for State matriculation examinations for acquiring secondary education.

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 and is placed at level 6, sub-level 6A of the National Qualifications Framework;

b) minimum 240 credits with a duration of the studies of at least four years leading to the Bachelor's degree and is placed at level 6, sub-level 6B of the National Qualifications Framework.

8.2. Master's educational and qualification degree is placed at level 7 of the National Qualifications Framework. 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 compliance 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. The educational and scientific degree "Doctor" is placed at level 8 of the National Qualifications Framework. The training is carried out in doctoral programs.

The three levels of the higher education system correspond to the levels 6, 7 and 8 of the European Qualifications Framework and have been developed in accordance with the Qualifications Framework of the European Higher Education Area.

Diplomas for completed degrees are issued upon the successful completion of all duties included in the curriculum, irrespective of the calendar duration of studies.