

BOSNA I HERCEGOVINA / FEDERACIJA BOSNE I HERCEGOVINE / TUZLANSKI KANTON
PVU VISOKA ŠKOLA ZA SAVREMENO POSLOVANJE, INFORMACIONE TEHNOLOGIJE I TRŽIŠNE KOMUNIKACIJE
"INTERNACIONALNA POSLOVNO-INFORMACIONA AKADEMIJA" TUZLA



DIPLOMA

O ZAVRŠENOM PRVOM CIKLUSU STUDIJA

Robert (Bernan) Divković

rođen 11.09.1998. godine u Tuzli, Bosna i Hercegovina, završio prvi ciklus studija u trajanju od tri godine sa ostvarenih ukupno 180 ECTS bodova,
na studijskom programu Informacione tehnologije, na Visokoj školi za savremeno poslovanje, informacione tehnologije
i tržišne komunikacije „Internacionalna poslovno – informaciona akademija“ Tuzla, dana 10.03.2025. godine
i time ispunio sve preduslove za sticanje stručnog zvanja
BACHELOR - INŽINJER INFORMACIONIH TEHNOLOGIJA



Diploma broj: 400/2025-I-01
U Tuzli, 29.04.2025. godine

DIREKTOR

Damir Bećirović

dr.sc. Damir Bećirović

BOSNIEN UND HERZEGOWINA / FÖDERATION BOSNIEN UND HERZEGOWINA / KANTON TUZLA
PRIVATE HOCHSCHULEINRICHTUNG HOCHSCHULE FÜR MODERNES BUSINESS, INFORMATIONSTECHNOLOGIE UND MARKETINGKOMMUNIKATION
„INTERNATIONALE AKADEMIE FÜR WIRTSCHAFTS- UND INFORMATIONSWISSENSCHAFTEN“ TUZLA

Text des Rundlegats mit Logo:
INTERNATIONALE AKADEMIE FÜR WIRTSCHAFTS- UND INFORMATIONSWISSENSCHAFTEN TUZLA

DIPLOM

ÜBER DEN ABGESCHLOSSENEN ERSTEN STUDIENZYKLUS

Robert (Berman) Divković

geboren am 11.09.1998 in Tuzla, Bosnien und Herzegowina, hat am 10.03.2025 den ersten Studiencyklus in der Dauer von drei Jahren mit insgesamt 180 ECTS-Punkten im Studienprogramm Informationstechnologie an der Hochschule für modernes Business, Informationstechnologie und Marketingkommunikation „Internationale Akademie für Wirtschafts- und Informationswissenschaften“ Tuzla abgeschlossen und dadurch alle Voraussetzungen für den Erwerb der Fachbezeichnung

BACHELOR – INGENIEUR FÜR INFORMATIONSTECHNOLOGIE

erfüllt.

Diplom-Nummer: 400/2025-I-01
In Tuzla, am 29.04.2025

Text des Rundlegats mit Logo:
INTERNATIONALE AKADEMIE FÜR WIRTSCHAFTS- UND
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INFORMATIONSWISSENSCHAFTEN TUZLA

DIREKTOR
gez., e.h. und unl.

Dr. sc. Damir Becirović

Die genaue Übereinstimmung der vorstehenden
Übersetzung mit dem (der)
- angehefteten – vorliegenden – beglaubigten –
Original – Abschrift bzw. – Ablichtung
bestätige ich unter Berufung auf meinen Eid.

Wien, am 27. Mai 2025

Sandra Harbaš
(Unterschrift)



Internacionalna poslovno-informaciona akademija Tuzla

Visoka škola za savremeno poslovanje, informacione tehnologije i tržišne komunikacije

Diploma Supplement

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1. Surname(s):	Divković
1.2. First Name(s):	Robert
1.3. Date of Birth (day/month/year):	September 11, 1998
Place of Birth:	Tuzla
Country of Birth:	Bosnia and Herzegovina
1.4. Student identification code or number:	1109998180037
1.5. Index number:	I-0119/17

2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1. Name of qualification and title conferred:	Bachelor of Engineering in Information Technology
2.2. Main field(s) of study for the qualification:	Information Technology
2.3. Name and status of awarding institution:	Privatna visokoškolska ustanova „Visoka škola za savremeno poslovanje, informacione tehnologije i tržišne komunikacije „Internacionalna poslovno-informaciona akademija“ Tuzla“
2.4. Language(s) of instruction/examination:	Bosnian / Croatian / Serbian

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

3.1. Level of qualification:	First cycle studies
3.2. Official length (years, semesters) and workload of the program:	3 years, 6 semesters
3.3. Access requirement(s):	Four-year high school diploma awarded in Bosnia and Herzegovina, or diploma awarded abroad and recognized as equivalent by the relevant body, and passing score on the university entrance exam.

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1. Mode of study:	Full-time
4.2. Program requirements:	Students will: - acquire theoretical knowledge about development and implementation of software and information systems; - acquire knowledge of the role and importance of informatics in a business entity and training for the development of business information systems in their work environment - identify business problems that are suitable for solving with advanced ICT - plan and design components of complex information systems - know and be able to apply methods in the development of software support for simple organizational processes at the level of execution; - develop the ability to organize and maintain computer networks - know the essence and mastery of the concept of e-business with a strong focus on the practical application of the acquired knowledge;

		- gain knowledge on how to implement different e-business models; - understand safety aspects of problems related to electronic business; - be able to design and develop information system; - know basics of business information systems (BIS) revision; - be able to analyze business frauds within BIS and to evaluate risk assessment while planning BIS; - be able to design databases with the ability to administer them; - acquire knowledge and understand basic economic concepts, financial planning and ways of financing companies; - to be able to plan, collect and analyze a large amount of data - to be able to design and maintain web pages - know how to adapt software products to the needs of the organization that uses them - know how to develop multimedia resources - master practical knowledge that enables students to start and manage their own personal business						
	4.3. Final paper:	March 10, 2025 (Undergraduate thesis)						
	4.4. Program details:							
	Course title:	Hours				Semester	ECTS credits	Grade
	Compulsory courses	Lectures	Auditory Classes	Laboratory Classes	Total			
1	Mathematics	3	3	/	6	I	6	9 (nine)
2	Introduction to Computing and Information Technology	2	/	3	6	I	6	9 (nine)
3	Fundamentals of Programming	2	/	3	6	I	6	7 (seven)
4	Introduction to Computer Information Systems	2	/	3	6	II	6	6 (six)
5	Data Structures and Algorithms	2	/	3	7	II	7	7 (seven)
6	Operating Systems	2	/	3	6	II	6	6 (six)
7	Business English	2	2	/	5	II	5	8 (eight)
8	Programming Languages and Programming	2	/	3	6	III	6	6 (six)
9	Computer Networks	2	/	3	6	III	6	6 (six)
10	Information system development and construction	2	/	3	6	III	6	6 (six)
11	Databases	2	/	3	6	IV	6	7 (seven)
12	E-Business	2	/	3	6	IV	6	6 (six)
13	Object-oriented Programming	2	/	3	6	IV	6	7 (seven)
14	E-Commerce	2	/	3	6	V	6	6 (six)
15	Electronic Banking Payment System	2	/	3	6	V	6	9 (nine)
16	Web programming	2	/	3	6	V	6	7 (seven)
17	Customer Support Technologies and Systems	2	/	3	6	VI	6	8 (eight)
18	Practice						2	completed
19	FINAL PAPER						10	10 (ten)
20								

Course title		Hours				Semester	ECTS credits	Grade
Elective courses		Lectures	Auditory Classes	Laboratory Classes	Total			
1	Business Informatics	2	1	2	6	I	6	9 (nine)
2	Fundamentals of Economics	2	3	/	6	I	6	9 (nine)
3	Sales Management and Negotiation	2	3	/	6	II	6	7 (seven)
4	Public Relations	2	3	/	6	III	6	6 (six)
5	Computer Graphics and Animation	2	2	1	6	III	6	8 (eight)
6	Digital Photography	2	2	1	6	IV	6	9 (nine)
7	Advertising	2	3	/	6	IV	6	6 (six)
8	Project Management	2	3	/	6	V	6	6 (six)
9	Publicity and Sponsorship	2	3	/	6	V	6	6 (six)
10	E- services	2	3	/	6	VI	6	10 (ten)
11	Stock Market Operations	2	3	/	6	VI	6	8 (eight)
12								
13								
14								
Total ECTS credits and grade average:							180	7.37

4.5. Grading scheme/grade distribution guidance:

Student's performance in a particular course in each semester is evaluated with a grade which is assigned as a number, descriptor or in letters. Final grade is based on the total number of points earned by fulfilling course-specific pre-examination requirements and by passing the final exam in accordance with the curriculum (for further information please see page 4)

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1. Access to further study:

Access to second cycle studies

5.2. Professional status:

Bachelor of Information Technology is qualified to work: as engineer of informational systems; at IT departments of companies and public institutions; at all departments of ICT business; as IT adviser/specialist/manager; as web programmer and web designer; as computer system administrator and database administrator; as system administrator; as data analysis specialist; as manager of customer-based service applications; as online business manager; as eBanking manager, eCommerce manager or eServices manager; as founder of startup company.

6. ADDITIONAL INFORMATION

6.1. Additional information:

Students did practice in the assigned business entity in the field of their study for 30 hours with aim to complete theoretical with practical knowledge while getting acquainted with appropriate business operations and tasks.

6.2. Further information sources:

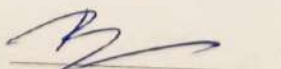
www.lpi-akademija.ba, www.heg.gov.ba, www.monkstk.ba

7. CERTIFICATION OF THE SUPPLEMENT

7.1. Date

April 29, 2025

7.2. Dean



7.3. Official Stamp



8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

8.1. Upon adopting in September 2003 the relevant documents regarding European higher education strategic goals as stated in the Declaration of the European Ministers of Education convened in Bologna (1999), Bosnia and Herzegovina joined the Bologna Process. As a member of the Bologna Process, Bosnia and Herzegovina has implemented far-reaching reforms to access the European Higher Education Area.

All higher education institutions have developed internal quality assurance mechanisms. The Council of Ministers of Bosnia and Herzegovina has adopted Standards and Guidelines for Quality Assurance in Higher Education in Bosnia and Herzegovina, a framework for internal and external quality assurance. The Agency for Development of Higher Education and Quality Assurance has set Criteria for Accreditation of Higher Education Institutions in Bosnia and Herzegovina and the Decision on norms for determining minimal standards in higher education in Bosnia and Herzegovina, thus creating the pre-requisites for the process of accreditation of higher education institutions and study programs. The process is ongoing.

There are 8 public universities and several private higher education institutions in Bosnia and Herzegovina. All institutions must be awarded a license by the relevant ministry of education in the area where the institution is situated.

In order to implement reform in higher education, the Framework Law on Higher Education in Bosnia and Herzegovina was adopted on 7th August 2007 (Bosnia and Herzegovina Official Gazette No. 59/07) with the corresponding Amendments and Supplements. Said documents stipulate the basic principles and standards of higher education in Bosnia and Herzegovina and are in accordance with the relevant regulations and protocols of the European Convention for the Protection of Human Rights and Fundamental Freedoms (ETS No.5, 1950), Recommendation No. R (97) 1 of the Committee of Ministers to Member States on the Recognition and Quality Assessment of Private Institutions of Higher Education, Recommendation No. R (98) 3 of the Committee of Ministers to Member States on Access to Higher Education, Recommendation No. R (2000) 8 of the Committee of Ministers to Member States on the Research Mission of Universities and other relevant principles of the internationally recognized legal instruments to which Bosnia and Herzegovina is a signatory in accordance with the Council of Europe/UNESCO Convention on the Recognition of Qualifications concerning Higher Education in the European Region (ETS No.165, 1997).

Education in Bosnia and Herzegovina, including higher education, is within the competence of ten relevant cantonal ministries in the Federation of B&H and the Ministry of the Republika Srpska. In Brčko District education is within the competence of the Department of Education of the Brčko District Government.

8.2. Access to Higher Education

All persons who have completed a four-year high school, as attested by a high-school diploma, are eligible to access higher education. The Law on Higher Education of the relevant canton and statutes of higher education institutions may stipulate other requirements for access to higher education.

Detailed information on access to certain higher education institutions is available on their respective websites..

8.3. Levels and Qualifications

Higher education is organized in three study cycle levels, as follows:

- the first cycle of studies, lasting for three to four years of study, earning 180 to 240 ECTS, leading to the award of the academic title and professional qualification of Bachelor,
- the second cycle of studies, lasting for one to two years of study, earning 60 to 120 ECTS, leading to the award of the academic title and professional qualification of Master,
- the third cycle of studies, lasting for three years of study, earning 180, totaling 480 ECTS combined with the first and second cycles of study, leading to the award of the academic title and professional qualification of Doctor of Science or Arts

8.4. Grading system:

Pursuant to Article 107 of the Law on Higher Education in Bosnia and Herzegovina ("Official Gazette of Tuzla Canton No. 21/2021, 22/2021, 5/2022, 11/2022 and 16/2022), students' knowledge is evaluated according to the following grading scale:

No.	Grade	Descriptive	Letter	Score
1	5 (five)	not satisfactory/fail	F,FX	0 - 53
2	6 (six)	satisfactory	E	54 - 64
3	7 (seven)	good	D	65 - 74
4	8 (eight)	very good	C	75 - 84
5	9 (nine)	excellent	B	85 - 94
6	10 (ten)	outstanding	A	95 - 100