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Knowledge **FO**r Resilient so**CI**Ety

Accredited Master Programme at WBC HEIs

*University of Tuzla
University of Tirana*

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Accredited Master Programme at WBC HEIs

Basic information about the new MP

P1 – The new MP consider all the principles of the Bologna process. It is organized as the second cycle of study. All study programs at P1 are compatible with the ECTS system. It is one-year Academic Master Program consisting of 2 semesters. Each semester has 30 ECTS, so in total the master program is composed of 60 ECTS.

The level that refers to the Master study programs is number 7.

The new PhD programme consider all the principles of the Bologna process. It is organized as the third cycle of study.

The level that refers to the PhD programme is number 8.



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Accredited Master Programme at WBC HEIs

P2 - The curriculum of the accredited master degree studies has been designed in accordance with the Bologna principles as it belongs to the second cycle studies based on the ECTS system.

P3 - The new academic master program consider all the principles of the Bologna process. It is organized as the second cycle of study, and its vertical and horizontal passage is ensured by the enrollment of students with 5 technical diplomas of the first cycle of studies. All study programs of the University of Tuzla are compatible with the ECTS system and the European standards of study at higher education institutions. For now, there is no NQF accepted at the BiH level.

P4 - Academic master programme is equivalent to Level 7 of EQF and the programme is in accordance with the Bologna principles. One year master studies are divided in two semesters.



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P5 - The new curriculum of the Master of Science in Risk Management is in accordance with the three cycle system of the Bologna process. This curriculum is part of the second cycle. The number of obtained credits is presented according to the unique methodology and it represents the workload per student.

P6 - The students eligible to continue the Professional Master program in DRM&FSE at Epoka University, must have at least a 3-year (180 ECTS) Bachelor Diploma in Engineering related fields. It is one-year Professional Master Program consisting of 2 semesters.



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Accredited Master Programme at WBC HEIs

Analysis of MP accreditation status

University of Novi Sad

Master's Degree Program "Disaster Risk Management and Fire Safety" is accredited by the Unification of Accreditation of the Master's Degree Program Study no. 612-00-01307 / 2012-04 from 07.06.2013.

For an innovative master academic program, Disaster Risk Management and Fire Safety, fees will not be charged to students enrolled in the school year 2018/2019. Students are required to pay only administrative costs.

According to the published competition on the website of the Faculty of Technical Sciences Novi Sad for Master Academic Studies in 2018/19, the master study "Risk Management and Fire Safety" provides for the enrollment of students on budget 9 and 23 for self-financing.



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Accredited Master Programme at WBC HEIs

University of Novi Sad, Faculty of Faculty of Technical Sciences, Serbia						
Master Academic Studies-Master in Disaster Risk Management and Fire Safety- study program 1 *one year.- 60 ECTS						
Nr.	Subject Code	Course Title in the Country Language	Winter sem.	Summer sem.	Course Title in English	ECTS
1.	12.ZP501	Integralno upravljanje rizikom od katastrofalnih događaja i požara	2+2		Integrated Natural Disaster Risk Management	4
2.	12.URZP62	Procena stanja oštećenih građevinskih objekata	2+2		Assessment of Damaged Structures	4
3.	12.ZP512	Planovi zaštite i spasavanja	2+1		Protection and Rescue Plans	3
4.	12.URZP55	Zaštita od požara i eksplozija usled dejstva električne energije	2+1		Fire and Explosion Protection due to Electricity	3
5.	12.ZP507	Projektovanje stacionarnih sistema za gašenje požara	2+2		Design and Maintenance of Stationary Fire Extinguishing Systems	4
6.	12.ZP514	Planiranje i organizovanje aktivnosti kod događaja sa katastrofalnim posledicama	2+2		Planning and organizing activities during events with catastrophic consequences	3
7.	12.Z506	Viši kurs matematike	2+2		Advanced Course in Mathematics I	3
8.	12.ZP506	Krizni menadžment	2+1		Crisis Management	3
9.		Izborni predmet 4				
9.1	12.ZP509	Istraživanje požara i eksplozija		2+1	Investigation of Fire and Explosion	3
9.2	12.ZP510	Analiza rizika u procesu donošenja odluka		2+2	Risk analysis in decision making process	4
10.		Izborni predmet 5				
10.1	12.ZP511	Finansijska otpornost na hazarde		2+2	Financial resilience to hazards	4
10.2	12.ZP515	Kvalitativne i kvantitativne metode u upravljanju rizikom		2+2	Qualitative and quantitative methods of risk management	3
11.	06.URZP74	Proračun i modelovanje evakuacije		2+2	Evacuation calculation and modeling	3
12.	12.Z504	Stručna praksa		0+3	Professional practice	3
13.	06.URZP02	Studijski istraživački rad na teorijskim osnovama master rada		0+8	Study Research Work on theoretical basis of the master thesis	10
14.	12.URZP01	Master rad		9+8	Master Thesis – Elaboration and Defense	10

Common Subjects with the K-Force consortium: Risk analysis in decision making process, Financial resilience to hazards and (Evacuation) calculation and modeling



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Accredited Master Programme at WBC HEIs

Analysis of MP accreditation status

University of Tirana

The new master program "Risk Management" at the Faculty of Economics at the University of Tirana passed an academic discussion and approval. On November 6, 2017, was sent to the competent body for accreditation of study programs. It is expected that the study will be accredited by the beginning of the academic year 2018/19.

The proposal predicted a minimum number of enrolled students 25, and a maximum of 30.

For master studies Risk Management fees will not be charged to students who enroll in the school year 2018/2019.



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Accredited Master study Programmes

University of Tirana, Albania, Faculty of Economics, Department of Finance						
Master of Science in Risk Management - study program 2 (two) Years-120 ECTS						
Nr.	Subject Code	Course Title in the Country Language	1 st sem/ Weekly course Hours	2 nd sem/ Weekly course Hours	Course Title in English	ECTS
First Year						
1.	N/A	Bazat e vlerësimit të riskut dhe vendimmarrja	2+2		Foundation of Risk Assessment and Decision Making	6
2.	N/A	Menaxhimi i riskut të ndërmarrjes	2+2		Enterprise Risk Management	6
3.	N/A	Ekonometri	2+2		Econometrics	6
4.	N/A	Parashikimi dhe vlerësimi financiar	2+2		Financial Forecasting and Valuation	6
5.	N/A	Metoda Kërkimi	2+2		Research Methods	6
6.	N/A	Menaxhimi i riskut të katastrofave		2+2	Disaster Risk Management	6
7.	N/A	Probabiliteti në menaxhimin e riskut		2+2	Probability in Risk Management	6
8.	N/A	Menaxhimi i riskut dhe sigurimet		2+2	Risk Management and Insurance	6
9.	N/A	Ekonomiks zhvillimi		2+2	Governing Sustainability	5
10.	N/A	Menaxhimi i riskut në banka		2+2	Risk Management in Banking	6
Second Year						
	Subject Code	Course Title in the Country Language	3 rd sem/ Weekly course Hours	4 th sem/ Weekly course Hours	Course Title in English	
11.	N/A	Auditim me bazë risku	2+2		Risk Based Audit	6
12.	N/A	Modelimi i riskut në praktikë	2+2		Application of Models in Risk Management	5
13,14, 15	Elective courses/Lëndët me zgjedhje (3 subjects out of 6)					
	N/A	Menaxhimi i riskut në sistemet e informacionit	2+2		Management Information System	5
	N/A	Përshtatja ndaj ndryshimeve klimatike	2+2		Climate Change Adaptation	5
	N/A	Tregjet e energjisë	2+2		Energy Markets	5
	N/A	Logjistikë dhe menaxhim operacionesh	2+2		Fundamentals of Logistics and Operations Management	5
	N/A	Vlerësimi pasiv i paluaritshme	2+2		Valuation of Real Estates	5
	N/A	Siguria dhe shëndeti në punë	2+2		Occupational and Health Safety	5
16.	N/A	Praktika		IV	Internship	5
17.	N/A	Mikroteza		IV	Master Thesis	30

Common Subjects with the K-Force consortium: Foundation of Risk Assessment and Decision Making, Disaster Risk Management and Application of Models in Risk Management



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Accredited Master Programme at WBC HEIs

Analysis of MP accreditation status

EPOKA University Tirana

The new master program "Disaster Risk Management and Fire Safety" at EPOKA University has passed academic debate and approval. On March 23, 2018. was sent to the competent body for accreditation of study programs. It is expected that the study will be accredited by the beginning of the course 2018/19.

The proposal predicted a minimum number of enrolled students 5, and a maximum of 20.

No fees will be charged for 20 students who are enrolled regularly in the school year 2018/2019 .



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Accredited Master Programme at WBC HEIs

Epoka University, Albania, Faculty of Architecture and Engineering, Department of Civil Engineering						
Professional Master in Disaster Risk Management and Fire Safety study program 1(One) Year-60 ECTS						
Nr.	Subject Code	(Course Title in the Country Language)	Winter sem./ Weekly course Hours	Summer sem./ Weekly course Hours	Course Title in English	ECTS
1.	CE 431	Planifikimi, Menaxhimi dhe Koordinimi i Projektit	2+2		Project Planning, Management and Coordination	7.5
2.	CE 447	Mbrojtja Strukturore ndaj Zjarrit	3+0		Structural Fire Safety	7.5
3.	CE 473	Vlerësimi i Riskut të Permbytjeve	3+0		Flood Risk Assessment	7.5
			3+0		Elective Course	7.5
5.	CE 454	Analiza e Riskut në Procesin e Vendimarrjes		2+2	Risk Analysis in Decision-making Process	7.5
6.	ARCH 428	Modelimi i Llogaritjes së Evakuimit		2+2	Evacuation Calculation Modeling	7.5
7.	CE 476	Praktikë dhe studim Individual i Supervizuar		1+2	Supervised Independent Study and practice	7.5
8.					Elective Course	7.5
List of Elective Courses						
	CE 435	Konstruksione Beton Arme	2+2		Reinforced Concrete Structures	7.5
	ARCH 451	Perspektiva e Pejsazhit në Menaxhimin e Kresiqeve të Katastrofave Natyrore	2+2		Landscape Perspectives in DRM & FS	7.5
	CE 463	Jetëgjatësia e Betoneve	2+2		Durability of Concrete	7.5
	CE 455	Inxhinieri e Lumit	2+2		River Engineering	7.5
	CE 458	Materiale Ndërtimi të Avancuara	2+2		Advanced Construction Materials	7.5
	CE 484	Zvogëlimi i Katastrofës së Tërmetit	3+0		Earthquake Disaster Mitigation	7.5
	CEN 436	Bazat e Remote Sensing në Monitorimin e Ambientit	3+0		Introduction to Remote Sensing for Earth Observation	7.5

Common Subjects with the K-Force consortium: Risk analysis in decision making process, and Evacuation calculation and modeling



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Accredited Master Programme at WBC HEIs

Analysis of MP accreditation status

University of Tuzla

The new master program "Disaster Risk Management and Fire Safety Engineering" at the Faculty of Mining, Geology and Civil Engineering Tuzla passed an academic discussion and approval.

It is expected that the study will be licensed until the beginning of the course 2018/19.

The proposal predicted a minimum number of enrolled students 3, and a maximum of 20.

Students are required to pay administrative fees for the new Master's Degree "Disaster Risk Management and Fire Safety Engineering" - the registration fees, the certification of the semester and the exams, as well as the possible cost of evaluating the study program of the previously completed basic studies.



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Accredited Master study Programmes

University of Tuzla, Faculty of Mining, Geology and Civil Engineering						
Master Program in Disaster Risk Management and Fire Safety Engineering - study program 1(One) Year- 60 ECTS						
Nr.	Subject Code	<i>(Course Title in the Country Language)</i>	<i>Winter</i>	<i>Summer</i>	<i>Course Title in English</i>	<i>ECTS</i>
			<i>sem./</i> <i>Weekly</i>	<i>sem./</i> <i>Weekly</i>		
			<i>course</i> <i>Hours</i>	<i>course</i> <i>Hours</i>		
1.	N/A	Procjena stanja oštećenih objekata	3+1		Assessment of damaged civil engineering structures	8
2.	N/A	Upravljanje rizicima u rudarstvu i termoelektroenergetici	3+1		Risk management in mining and thermal energy sector	7
3.	N/A	Geotehnički hazardi	2+1		Geotechnical hazards	8
4.	N/A	Protivpožami inženjering	2+1		Fire safety engineering	7
5.	N/A	Analiza rizika u procesu donošenja odluka		2+1	Risk Analysis in Decision Making Process	5
6.	N/A	Otpornost zajednica na hazarde		2+1	Community resilience to hazards	5
7.	N/A	Master rad			Master thesis	20

Common Subjects with the K-Force consortium: Risk Analysis in Decision Making Process Community resilience to hazards



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Accredited Master Programme at WBC HEIs

Analysis of MP accreditation status

University of Banja Luka

Master program "Disaster Risk Management" at the Faculty of Architecture Civil Engineering and Geodesy, University of Banja Luka, was organized as a Module for Second Study cycle - Study program Civil Engineering.

A decision on accreditation is expected by the beginning of the next academic year.

The minimum number of students enrolled is 20, and the maximum 20.

The same proposal predict that the tuition fee for all 20 enrolled candidates is covered by the budget, that is, the tuition fee is free for the students of this master study for the 2018/19 generation.



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Accredited Master Programme at WBC HEIs

University of Banja Luka, Faculty of Architecture Civil Engineering and Geodesy						
Master of Civil Engineering – Disaster Risk Management - study program I(One) Year- 60 ECTS						
Nr.	Subject Code	Course Title in Country Language	Winter sem.	Summer sem.	Course Title in English	ECTS
1.	N/A	Моделирање конструкција	I		Modelling of Structures	5
2.	N/A	Асеизмичко пројектовање и грађење	I		A seismic Design and Construction	5
3.	N/A	Операциона истраживања у грађевинарству	I		Operational Research in Civil Engineering	6
4.	N/A	Геохазарди	I		Geohazards	6
5, 6	List of Elective Courses for the 1 st Semester/ Изборни предмет					
	N/A	Експериментална анализа конструкција	I		Experimental Analysis of Structures	4
	N/A	Примјена ГИС-а у саобраћајницама	I		Application of GIS in Roads	4
	N/A	ГИС у хидротехничкој пракси	I		GIS in Hydrotechnical Practice	4
	N/A	Експлоатација и заштита подземних вода	I		Exploitation and Protection of Groundwater	4
	N/A	Специјални проблеми менаџмента у грађевинарству	I		Specific Problems in Civil Engineering Management	4
	N/A	Мостови	I		Bridges	4
	N/A	Грађевинске мјере заштите од пожара	I		Constructive Rules for Fire safety of Building	4
7, 8	List of Elective Courses for the 2 nd Semester/ Изборни предмет					
	N/A	Пројектовање система за дојаву и гашење пожара		II	Design of Fire alarm System and Fire extinguishing System	7
	N/A	Анализа ризика у процесу доношења одлука		II	Risk Analysis in Decision-making Process	7
	N/A	Финансијска отпорност на хазарде		II	Financial Resilience to Hazards	7
	N/A	Пројекта стања оштећених грађевинских објеката		II	Assessment of Damaged Structures	7
	N/A	Геотехнички проблеми код саобраћајница		II	Repair of Timber, Steel and Masonry structures	7
	N/A	Одбрана од поплава		II	Repair of Concrete Structures	7
	N/A	Интегрално управљање водним ресурсима		II	Roads Geotechnical Problems	7
9	N/A	Мастер рад		II	Master thesis	16

Common Subjects with the K-Force consortium: Risk Analysis in Decision Making Process and Financial Resilience to Hazards



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Accredited Master Programme at WBC HEIs

Analysis of MP accreditation status

Higher Education Technical School of Professional Studies in Novi Sad

Professional master studies program "Protection engineering" at the Higher Education Technical School of Professional Studies in Novi Sad is accredited with the Certificate of accreditation of the study program of master vocational studies.

A competition for enrollment of students was announced, predicting a minimum of 20 students, and a maximum of 32 students for enrollment in 2018/19.

Registration of applicants who fulfill the conditions of the competition will be performed on October 19, 2018.

The Higher Education Technical School of Professional Studies, advocates charging a minimum tuition fee on its newly-accredited master study programme (90,000 dinars/762.71 euros) in order not to make losses, much higher than the value of its share of the project budget.



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Accredited Master study Programmes

Higher Education Technical School of Professional Studies – Novi Sad, Serbia						
Professional Master Studies for Protection Engineering - e study program 2(Two) Years-120 ECTS						
Nr.	Subject Code	Course Title in the Country Language	1 st Sem.	2 nd Sem.	Course Title in English	ECTS
First Year						
1.	M01	Управљање ризиком у заштити	I		Risk management in protection	10
2.	M02	Примењене методе моделовања ризика	I		Applied risk modelling methods	10
3.	M03	Мониторинг и контрола у заштити	I		Monitoring and control in protection	10
4.	M04	Лична заштитна опрема		II	Personal protective equipment	8
5.	M05	Анализа ризика у процесу одлучивања у заштити од катастрофалних догађаја		II	Risk analysis in decision making for disaster protection	8
6.	M13	Стручна мастер пракса 1		II	Professional master practice 1	4
7.	Elective block 1					
	M09	Пројектовање стационарних система			Design of stationary systems	10
	M10	Превенција и контрола загађења вода			Prevention and control of water pollution	10
Second Year						
	Subject Code	Course Title in the Country Language	3 rd Semester	4 th Semester	Course Title in English	
8	M06	Рециклажне технологије и обновљиви извори енергије	III		Recycling technologies and renewable energy sources	8
9	M07	Истраживање узрока, фаза и последица пожара	III		Investigation of causes, phases and consequences of fire	8
10	M08	Управљање токовима отпада	III		Waste flow management	8
11	Elective block 2					
	M11	Постројења и системи под притиском	III		Facilities and systems under pressure	10
	M12	Прорачун и модел евакуације	III		Calculation and model of evacuation	10
12	M15	Пристаупни мастер рад		IV	Preliminary master thesis	6
13	M14	Стручна мастер пракса 2		IV	Professional master practice 2	4
14	M16	Мастер рад		IV	Master thesis	16

Common Subjects with the K-Force consortium: Risk analysis in decision making for disaster protection, and Calculation and model of evacuation



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Accredited Master Programme at WBC HEIs

In accordance with the possibilities and policy of enrollment of some HEI, the number of students enrolled in the new master study is also predicted, which varies but moves in accordance with the project predicted minimum 20.

Price of tuition at the partner HEI which have budgetary resources for master studies solved allocating budget places for the first generation of students of a new master study. In partner HEI the scholarship is solved by special decisions of competent academic and legislative bodies (ministries) in accordance with legal acts related to financing and registration policy.



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Accredited Master Programme at WBC HEIs

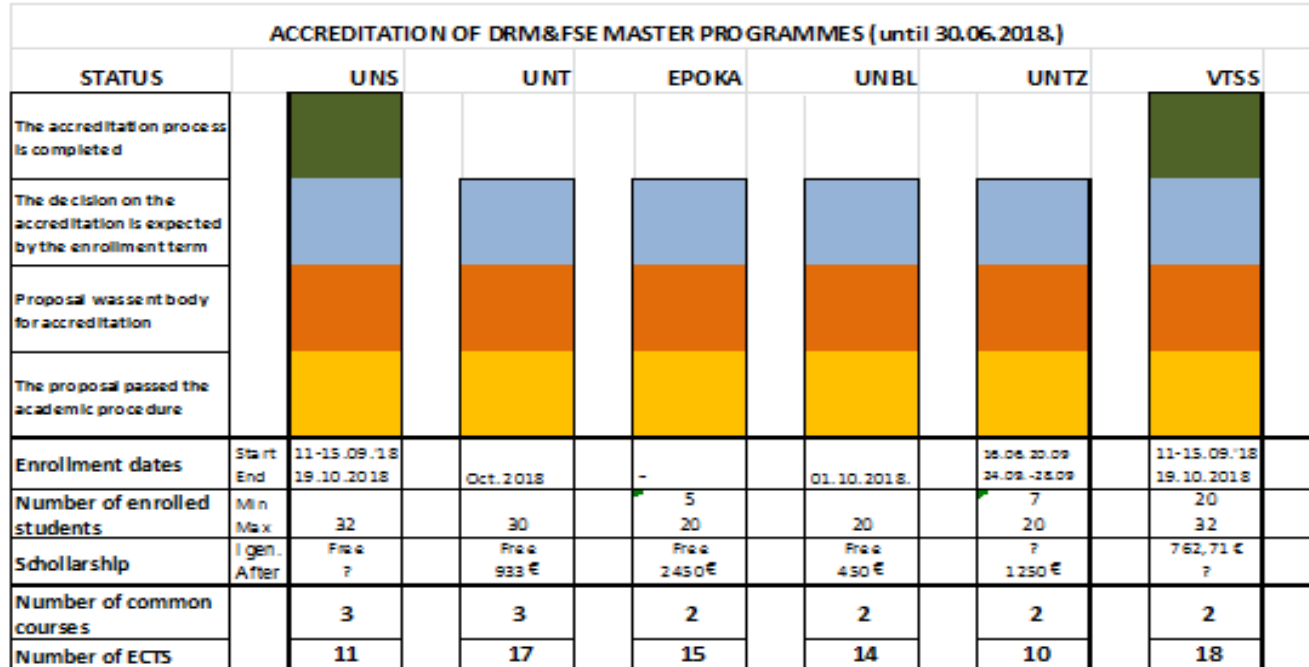


Figure 1: The results from the questionnaire provided by partners P-1 to P-6

Accredited Master Programme at WBC HEIs

BOSNA I HERCEGOVINA
FEDERACIJA BOSNE I HERCEGOVINE
TUZLANSKI KANTON
UNIVERZITET U TUZLI



DIPLOMA

O ZAVRŠENOM DRUGOM CIKLUSU STUDIJA

ALDIN Rifet ČERGIĆ

BACHELOR - INŽINJER SIGURNOSTI I POMOĆI

Rođen 19.07.1988. godine u Tuzli, Bosna i Hercegovina, završio je drugi ciklus studija u trajanju od jedne godine, sa ostvarenih ukupno 60 ECTS bodova, studijski program Sigurnost i pomoć, na Rudarsko-geološko-građevinskom fakultetu Univerziteta u Tuzli, dana 22.02.2018. godine i time ispunio sve propisane uslove za sticanje akademske titule i stručnog zvanja

MAGISTAR SIGURNOSTI I POMOĆI

Broj: 8/V-16/18
U Tuzli, 28.06.2018. godine

DEKAN

Dr. sc. Kemal Gutić, vanredni profesor

REKTOR

Dr.sc. Nermina Hadžigrahić, redovni profesor



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Thank you
for your attention

Aneta Jokić *e-mail:anetajkc@gmail.com*

Rijad Šišić *e-mail:rijad.sisic@untz.ba*

Knowledge FOR Resilient soCiEty

