



Date: 29-05-2019

Place: Tuzla

Knowledge FOR Resilient soCiEty

ACCREDITED PhD studies

Disaster Risk Management and Fire Safety

Call for enrolment

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UNIVERSITY OF NOVI SAD



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PhD CURRICULUM

Programme name	Disaster Risk Management and Fire Safety
Independent higher education institution where the programme is being executed	University of Novi Sad
Higher education institution where the programme is being executed	Faculty of Technical Sciences
Educational-scientific/educational-art field	Interdisciplinary
Scientific, professional or art field	Civil Engineering, Engineering Management, Environmental Engineering
Type of studies	Doctoral Academic Studies
Study scope, expressed in ECTS	180
Academic degree, abbreviation	Doctor of Science - Disaster Risk Management and Fire Safety, Ph.D
Study length	3
Programme implementation starting year	



PhD CURRICULUM

Future course implementation starting year (for new programme)	2019
Number of students attending this programme	0
Planned number of students to be enrolled in this programme	36
Programme approval date (state the approval issuer)	05.09.2018 - Science Education Council 20.09.2018 - University of Novi Sad Senat
Programme language	Serbian, English
Programme accreditation year	
Web address containing programme information	http://www.ftn.uns.ac.rs

PhD CURRICULUM

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6	
	Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES Disaster Risk Management and Fire Safety	

Table 5.1 Courses schedule by semester and year of study

Study programme: Disaster Risk Management and Fire Safety

No.	Course ID	Course name	S	Type	Status	Active lessons				Other classes	ECTS
						Lec	Pra	SRW	OTT		
FIRST YEAR											
1	06.DZ001	Scientific Research Method	1	TM	M	1	0	6	0	0.00	8
2	17.RDO01	Selected Chapters in Disaster Risk Management and Fire Safety	1	NS	M	5	0	2	0	0.00	10
3	17.URI01	Elective Course 1 (select 2 out of 6)	1		EB	4	0	2	0	0.00	10
	17.DZ01M	Selected Chapters in Mathematics 1	1	NS	E	2	0	1	0	0	5
	17.DZ02M	Selected Chapters in Mathematics 2	1	NS	E	2	0	1	0	0	5
	17.RDZ01F	Selected Chapters in Physics	1	NS	E	2	0	1	0	0	5
	17.ZRDH1	Selected Chepters of Chemistry	1	NS	E	2	0	1	0	0	5
	17.RDI04	Selected Chapers In Qualitative Risk Assessment Methods	1	NS	E	2	0	1	0	0	5
	17.RDI109	Theory of Security Systems	1	NS	E	2	0	1	0	0	5



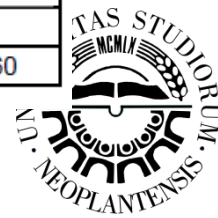
PhD CURRICULUM

4	17.URI02	Elective Course 2 (select 1 out of 10)	2		EB	5	0	2	0	0.00-2.00	10
		17.IMDR72	Advanced risk assessment methods	2	NS	E	5	0	2	0	10
		17.RDI11R	Selected Topics in Modern Methods of Data Collection and Processing	2	NS	E	5	0	2	0	10
		17.RDI01	Selected Chapters in Seismic Hazard Assessment and Vulnerability of Civil Engineering Structures	2	NS	E	5	0	2	0	10
		17.IMDR36	Advanced data models and database systems	2	NS	E	5	0	2	0	10
		17.GD027	Process, principles and techniques of scientific research - selected chapters	2	TM	E	5	0	2	2	10
		17.RDI013	Security and Resilience of Critical Infrastructures	2	NS	E	5	0	2	0	10
		17.RDI014	Public Health in Emergency and Crisis	2	NS	E	5	0	2	0	10
		17.RDI015	Hazards and Protection from Electrostatic Discharges	2	NS	E	5	0	2	0	10
		17.RDI016	Selected Chapters in Flood Prevention and Protection	2	NS	E	5	0	2	0	10
		17.IMDR71	Selected topics of project management	2	NS	E	5	0	2	0	10

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5	17.URI03	Elective Course 3 (select 1 out of 10)		2		EB	5	0	2	0	0.00-2.00	10
		17.GD027	Process, principles and techniques of scientific research - selected chapters	2	TM	E	5	0	2	0	2	10
		17.IMDR36	Advanced data models and database systems	2	NS	E	5	0	2	0	0	10
		17.IMDR71	Selected topics of project management	2	NS	E	5	0	2	0	0	10
		17.IMDR72	Advanced risk assessment methods	2	NS	E	5	0	2	0	0	10
		17.RDI01	Selected Chapters in Seismic Hazard Assessment and Vulnerability of Civil Engineering Structures	2	NS	E	5	0	2	0	0	10
		17.RDI013	Security and Resilience of Critical Infrastructures	2	NS	E	5	0	2	0	0	10
		17.RDI014	Public Health in Emergency and Crisis	2	NS	E	5	0	2	0	0	10
		17.RDI015	Hazards and Protection from Electrostatic Discharges	2	NS	E	5	0	2	0	0	10
		17.RDI016	Selected Chapters in Flood Prevention and Protection	2	NS	E	5	0	2	0	0	10
		17.RDI11R	Selected Topics in Modern Methods of Data Collection and Processing	2	NS	E	5	0	2	0	0	10

No.	Course ID	Course name	S	Type	Status	Active lessons				Other classes	ECTS
						Lec	Pra	SRW	OTT		
6	17.RSIR01	Introduction to Scientific and Research Work	2	NS	M	0	0	6	0	0.00	12
Active lessons - total:						40					
Total ECTS:										60	



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	Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES Disaster Risk Management and Fire Safety	

Table 5.1 Courses schedule by semester and year of study

Study programme: **Disaster Risk Management and Fire Safety**

No.	Course ID	Course name	S	Type	Status	Active lessons				Other classes	ECTS
						Lec	Pra	SRW	OTT		
SECOND YEAR											
7	17.URI04	Elective Course 4 (select 1 out of 10)	3		EB	5	0	2	0	0.00	10
		17.IMDR75 Selected Topics in Risk Management and Insurance Management	3	NS	E	5	0	2	0	0	10
		17.GD016 Selected Chapters in Water Regulation and Protection	3	NS	E	5	0	2	0	0	10
		17.RDI12R Energy Efficiency in Buildings and Climate Changes	3	SA	E	5	0	2	0	0	10
		17.RDI017 Media Systems and Crisis Management	3	NS	E	5	0	2	0	0	10
		17.GD028 Selected Chapters in Durability of Concrete and Masonry Structures and Robustness of Structures	3	SA	E	5	0	2	0	0	10
		17.GD033 Fire Safety of Building Structures - Selected Chapters	3	SA	E	5	0	2	0	0	10
		17.GD034 Advanced Disaster Risk Analysis Methodes	3	SA	E	5	0	2	0	0	10
		17.GD026 Selected Chapters in Hydro-informacis	3	NS	E	5	0	2	0	0	10
		17.RDI018 Power Utilization Safety and Power Outage Risks	3	NS	E	5	0	2	0	0	10
		17.RDI019 Mental Health and Psychosocial Support in Crisis	3	NS	E	5	0	2	0	0	10



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8	17.URI05	Elective Course 5 (select 1 out of 10)	3		EB	5	0	2	0	0.00	10
	17.GD016	Selected Chapters in Water Regulation and Protection	3	NS	E	5	0	2	0	0	10
	17.GD026	Selected Chapters in Hydro-infortmacion	3	NS	E	5	0	2	0	0	10
	17.GD028	Selected Chapters in Durability of Concrete and Masonry Structures and Robustness of Structures	3	SA	E	5	0	2	0	0	10
	17.GD033	Fire Safety of Building Structures - Selected Chapters	3	SA	E	5	0	2	0	0	10
	17.GD034	Advanced Disaster Risk Analisis Methodes	3	SA	E	5	0	2	0	0	10
	17.IMDR75	Selected Topics in Risk Management and Insurance Management	3	NS	E	5	0	2	0	0	10
	17.RDI017	Media Systems and Crisis Management	3	NS	E	5	0	2	0	0	10
	17.RDI018	Power Utilization Safety and Power Outage Risks	3	NS	E	5	0	2	0	0	10
	17.RDI019	Mental Health and Psychosocial Support in Crisis	3	NS	E	5	0	2	0	0	10
	17.RDI12R	Energy Efficiency in Buildings and Climate Changes	3	SA	E	5	0	2	0	0	10
9	17.RSIR04	Doctoral Dissertation - Research and Publishing of Results 1	3	NS	M	0	0	6	0	0.00	10
10	17.RSIR03	Doctoral Dissertation - Research and Publishing of Results 2	4	NS	M	0	0	15	0	0.00	18
11	17.DUR01	Doctoral Dissertation - Theoretical Bases	4	NS	M	0	0	5	0	0.00	12
Active lessons - total:						40					
Total ECTS:										60	

PhD CURRICULUM

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	Study Programme Accreditation - PhD Studies DOCTORAL ACADEMIC STUDIES Disaster Risk Management and Fire Safety	

Table 5.1 Courses schedule by semester and year of study

Study programme: Disaster Risk Management and Fire Safety

No.	Course ID	Course name	S	Type	Status	Active lessons				Other classes	ECTS
						Lec	Pra	SRW	OTT		
THIRD YEAR											
12	17.DUR02	Doctoral Dissertation - Research and Publishing of Results 3	5	NS	M	0	0	20	0	0.00	30
13	17.DUR03	Doctoral Dissertation - Elaborate	6	NS	M	0	0	20	0	0.00	20
14	17.DUR04	Doctoral Dissertation - Technical processing and Defence	6	NS	M	0	0	0	0	0.00	10
Active lessons - total:						40					
										Total ECTS:	60





PhD ENROLMENT

CALL FOR ENROLMENT WILL BE PUBLISHED AT FACULTY OF TECHNICAL SCIENCES WEBSITE
AND AT K-FORCE WEBSITE

DOCUMENTATION NEEDED FOR STUDENTS
WHO STUDIED OUTSIDE SERBIA AND REPUBLIKA SRPSKA:
RECOGNITION OF FOREIGN HIGHER EDUCATION DOCUMENTS





PhD ENROLMENT

Potrebna dokumenta za kandidate koji su fakultet završili na teritoriji Republike Srbije i Republike Srpske:

- * Prijavni list (dobija se na dan prijavlivanja na Fakultetu),
- * Overene fotokopije diploma ili original Uverenja o diplomiranju svih prethodno završenih nivoa studija (ukoliko je kandidat završio studije na FTN-u nije potrebno overavati fotokopije diploma),
 - * Overene fotokopije dodataka diplomi ili original Uverenja o položenim ispitima svih prethodno završenih nivoa studija (ukoliko je kandidat završio studije na FTN-u nije potrebno overavati fotokopije dodataka diplomi),
 - * Stručna biografija,
 - * Očitana lična karta ili fotokopija lične karte,
 - * Dokaz o uplati troškova vrednovanja studijskog programa (original uplatnica),
 - * Overen nastavni plan i program svih prethodno završenih nivoa studija (odnosi se na kandidate koji nisu završili FTN),



PhD LECTURES

TWO COURSES WILL START IN AUGUST AND SEPTEMBER

Course:	Scientific Research Method		
Course id: DZ001			
Number of ECTS: 8			
Teachers: Atanacković M. Teodor, Folić J. Radomir			
Course status: Mandatory			
Number of active teaching classes (weekly)			
Lectures: 1	Practical classes: 0	Other teaching types: 0	Study research work: 6
Precondition courses: None			

1. Educational goal: To enable students for successful writing of scientific papers and doctoral dissertations.
2. Educational outcomes (acquired knowledge): - Ability of understanding various scientific methods which was used in scientific literature - Ability of successful managing in professional literature - Ability of successful writing of scientific paper in area of interests - Ability of successful creating and ending of doctoral dissertation
3. Course content/structure: Definition of science. Development of science through history. Scientific methodology. General and special scientific methods. Structure of a scientific paper. Types of scientific results. Writing and publishing scientific papers. Writing the doctoral dissertation. Evaluating scientific results.
4. Teaching methods: Lectures. Consultations with students. Seminar paper.

Course:	Selected Chapters in Disaster Risk Management and Fire Safety				
Course id: RDO01					
Number of ECTS: 10					
Teachers: Ćosić I. Đorđe, Laban Đ. Mirjana					
Course status: Mandatory					
Number of active teaching classes (weekly)					
Lectures: 5	Practical classes: 0	Other teaching types: 0	Study research work: 2	Other classes: 0	
Precondition courses: None					
1. Educational goal: The educational goal is that the students of doctoral studies to be introduced into the selected area of disaster risk management and fire safety and to learn the general settings that apply in the subject area.					
2. Educational outcomes (acquired knowledge): The learning outcomes are the acquisition of knowledge and abilities of students for independent and team-based scientific and research work in the subject area.					
3. Course content/structure: Survey of research in the areas of disaster risk management (natural disasters and accidents caused by human activity) and fire safety.					
4. Teaching methods: A mentor and student create a list of selected elective subjects depending on the field of student's field of interest. Lectures are combined. The presentation of the theoretical part is accompanied by appropriate examples that contribute to the clarification of the theoretical part. Regular consultations are held. Through a study and research work student, studying scientific journals and other literature independently deepens the material from the lectures. Working with a teacher, the student is trained for independent writing of scientific paper.					





QUESTIONS AND DISCUSSION

2 STUDENTS
FROM PA HEIs ?



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Thank you for your attention

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Knowledge FOR Resilient soCiEty