

Annex 7.	UNS		UNT		EPOKA		UNTZ		UNBL		VTSS	
	Course title	ECTS	Course title	ECTS	Course title	ECTS	Course title	ECTS	Course title	ECTS	Course title	ECTS
Winter semester	Integrated Natural Disaster Risk Management	4	Foundation of Risk Assessment and Decision Making	6	Project Planning, Management and Coordination	7.5	Assessment of damaged civil engineering structures	8	Modelling of Structures	5	Risk management in protection	10
	Assessment of Damaged Structures	4	Enterprise Risk Management	6	Structural Fire Safety	7.5	Risk management in mining and thermal energy sector	7	A seismic Design and Construction	5	Applied risk modelling methods	10
	Protection and Rescue Plans	3	Econometrics	6	Flood Risk Assessment	7.5	Geotechnical hazards	8	Operational Research in Civil Engineering	6	Monitoring and control in protection	10
	Planning and organizing activities during events with catastrophic consequences	3	Financial Forecasting and Valuation	6	Elective Course	7.5	Fire safety engineering	7	Geohazards	6		
	Advanced Course in Mathematics 1	3	Research Methods	6								
	Elective Courses I (1 of 2)											
	Fire and Explosion Protection due to Electricity	3	Elective Courses		Elective Courses (1 of 7)		Elective Courses		Elective Courses (2 of 7)		Elective Courses	
	Safety of Strategic Energy Facilities	3			Reinforced Concrete Structures	7.5			Experimental Analysis of Structures	4		
	Elective Courses II (1 of 2)				Landscape Perspectives in DRM & FS	7.5			Application of GIS in Roads	4		
	Design and Maintenance of Stationary Fire Extinguishing Systems	4			Durability of Concrete	7.5			GIS in Hydrotechnical Practice	4		
	The role of media in reducing the risk	3			River Engineering	7.5			Exploitation and Protection of Groundwater	4		
	Elective Courses III (1 of 2)				Advanced Construction Materials	7.5			Specific Problems in Civil Engineering Management	4		
Crisis Management	3			Earthquake Disaster Mitigation	7.5			Bridges	4			
Geodetic methods for the determination of geodynamic movements	3			Introduction to Remote Sensing for Earth Observation	7.5			Constructive Rules for Fire safety of Building	4			
TOTAL ECTS	26-27		30		30		30		30		30	
Summer semester	Professional practice	3	Disaster Risk Management	6	Risk Analysis in Decision-making Process	7.5	Risk Analysis in Decision Making Process	5	Master thesis	16	Personal protective equipment	8
	Study Research Work on theoretical basis of the master thesis	10	Probability in Risk Management	6	Evacuation Calculation Modeling	7.5	Community resilience to hazards	5			Risk analysis in decision making for disaster protection	8
	Master Thesis – Elaboration and Defence	10	Risk Management and Insurance	6	Supervised Independent Study and practice	7.5	Master thesis	20			Professional master practice 1	4
			Governing Sustainability	5	Elective Course	7.5						
			Risk Management in Banking	6								
	Elective Courses IV (1 of 2)											
	Investigation of Fire and Explosion	4										
	Risk analysis in decision making process	4			Elective Courses (1 of 7)				Elective Courses (2 of 7)		Elective Courses (1 of 2)	
	Elective Courses V (1 of 2)				Reinforced Concrete Structures	7.5			Design of Fire alarm System and Fire extinguishing System	7	Design of stationary systems	10
	Financial resilience to hazards	4			Landscape Perspectives in DRM & FS	7.5			Risk Analysis in Decision-making Process	7	Prevention and control of water pollution	10
	Design and Maintenance of the Fire Detection Systems	4			Durability of Concrete	7.5			Financial Resilience to Hazards	7		
	Elective Courses VI (1 of 3)				River Engineering	7.5			Assessment of Damaged Structures	7		
	Evacuation calculation and modeling	3			Advanced Construction Materials	7.5			Repair of Timber, Steel and Masonry structures	7		
Technical Systems Reliability	3			Earthquake Disaster Mitigation	7.5			Repair of Concrete Structures	7			
Qualitative and quantitative methods of risk management	3			Introduction to Remote Sensing for Earth Observation	7.5			Roads Geotechnical Problems	7			
TOTAL ECTS	34		29		30		30		30		30	
Winter semester (II year)			Risk Based Audit	6							Recycling technologies and renewable energy sources	8
			Application of Models in Risk Management	5							Investigation of causes, phases and consequences of fire	8
											Waste flow management	8
			Elective Courses (3 of 6)								Elective Courses (1 of 2)	
			Management Information System	5							Facilities and systems under pressure	10
			Climate Change Adaptation	5							Calculation and model of evacuation	10
			Energy Markets	5								
			Fundamentals of Logistics and Operations Management	5								
		Valuation of Real Estates	5									
		Occupational and Health Safety	5									
TOTAL ECTS			26								34	
Summer semester (II year)			Internship	5							Preliminary master thesis	6
			Master Thesis	30							Professional master practice 2	4
TOTAL ECTS			35								16	
TOTAL ECTS MP	60-61		120		60		60		60		120	
Academic degree	Master in Disaster Risk Management and Fire Safety		Master of Science in Risk Management		Professional Master in Disaster Risk Management and Fire Safety		Master of safety and health		Master of Civil Engineering – Disaster Risk Management		Professional Master - Protection Engineering	

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