

LEARNING PLAN
Domain: GEOGRAPHY
Master Programme: DISASTER MANAGEMENT
Study Year: I 2020 - 2021

Nr.c rt.	Courses	Number of hours						Credits			Type of examination*	
		Sem I			Sem II			Sem I	Sem II	Total	Sem I	Sem II
Core		C	S	L	C	S	L					
1.	Disaster cycle and disaster risk reduction	2	1	-	-	-	-	5	-	5	E	-
2.	The role the insurance industry and risk response strategies	1	-	1	-	-	-	3		3	V	-
3.	Big data analysis	-	-	-	2	-	2	-	6	6	-	E
4.	Natural hazards of Romania	2	-	1	-	-	-	4	-	4	C	-
5.	Enhancing societal CBRNe (Chemical Biological Radiological Nuclear & Explosive) preparedness				2	1	-		6	6		C
6.	Community involvement and resilience	2	-	1	-	-	-	5	-	5	E	-
7.	Emergency situation planning	-	-	-	2	-	2	-	6	6	-	E
8.	Organizing the Mass Casualty Management System	2	-	1	-	-	-	5	-	5	E	-
9.	Communication and warning in emergency situations	-	-	-	2	-	1	-	6	6	-	C
10.	Ethics and academic integrity	1	-	-	-	-	-	2	-	2	V	V
11.	Practice	-	-	3	-	-	3	3	3	6	C	C
Optional*												
12.	Disaster medicine	2	1	-	-	-	-	3	-	3	V	-
	Medical management in disasters	2	1	-	-	-	-	3	-	3	V	-
13.	Perceptions and behavior during a disasters	-	-	-	2	1	1	-	3	3	-	V
	Disaster psychology	-	-	-	2	1	1	-	3	3	-	V
Total number of hours, credits, and the examination type		12	2	4	10	2	6	30	30	60	3E, 2C, 3V	2E, 3C,1V
Courses necessary for students with a bachelor in other domains outside geography												
1.	General geomorphology	2	-	2	-	-	-	4	-	4	C	-
2.	Cartography	-	-	-	2	-	2	-	4	4	-	C
3.	Applied activities (can be cumulated)	-	-	3	-	-	3	2	2	4	V	V
	* Students are to choose one of the two The schedule could be in a modular system											

*E=Exam, P=Presentation, V=Verification (Project)

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Prof. univ. dr. Marian PREDA

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Nr. crt.	Courses	Number of hours						Credits			Type of examination*	
		Sem I			Sem II			Sem I	Sem II	Total	Sem I	Sem II
Core		C	S	L	C	S	L					
1.	Operational management in emergency situations	2	-	1	-	-	-	5		5	E	
2.	Risk, safety and governance	2	-	1	-	-	-	5	-	5	E	-
3.	Spatial risk analysis	1	-	2	-	-	-	5	-	5	C	-
4.	Management of human, material and financial resources	2	-	2	-	-	-	5	-	5	E	
5.	Fire safety evaluation through computer modelling and simulation	-	-	-	1	-	2	-	5	5	-	E
6.	Decision-making spatial analysis	-	-	-	1	-	2	-	5	5	-	C
7.	Disasters and Humanitarian Intervention	-		-	1	-	2	-	5	5	-	C
8.	Remote sensing for disasters				2		2		5	5		E
9.	Practice for dissertation	-	-	3		-	3	5	5	10	C	V
Optional*						-		-	-	-	-	-
10.	Geomorphological hazard susceptibility assessments	1	-	2	-	-	-	5	-	5	V	-
	Interferometric synthetic aperture radar (InSAR) applications – an introduction	1	-	2	-	-	-	5	-	5	V	-
11.	Business continuity management	-	-	-	1	-	2	-	5	5	-	V
	Business continuity assessment	-	-	-	1	-	2		5	5	-	V
Total number of hours, credits, and the examination type		8	-	11	6	-	13	30	30	60	3E, 2C, 1V	2E, 2C, 2V
Courses necessary for students with a bachelor in other domains outside geography												
1.	GIS	-	-	3	-	-	-	4	-	4	C	-
2.	Remote sensing - notions and principles	2	-	2	-	-	-	-	4	4	-	C
3.	Applied activities (can be cumulated)	-	-	3	-	-	3	2	2	4	V	V
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