

Transilvania University of Braşov, Romania

Study program: Natural Hazards and Risk Assessment in Civil Engineering

Faculty:	Civil Engineering
Study period:	2 years (master)
Academic year structure:	2 semesters (14 weeks per semester)
Examination sessions (two):	winter session (January/February) summer session (June/July)

1st Year

No. crt.	Course	Code	1st semester					2nd semester					
			C	S	L	P	ECTS	C	S	L	P	ECTS	
1	Basic principles of natural hazard	BPNH01	3			6							
2	Geographical Information Systems for hazard and risk assessment	GIS01	2		3			6					
3	Ethics and integrity in scientific research	EISR01	1	1				2					
4	Practical placement	PP01				10		12					
5	Natural hazard vulnerability assessment	NHVA02							3			3	7
6	Fundamentals of risk assessment	FRA02							2			2	4
7	Research methods	RM02							3		3		7
8	Practical placement	PP02										10	12

2nd Year

No. crt.	Course	Code	3 rd Semester					4 th Semester					
			C	S	L	P	Cred	C	S	L	P	Cred	
1	Conceptual design for protection works	CWPD03	4			4	10						
2	Disaster Risk management and emergency	RPME03	2			2	4						
3	Practical Specialization - Experimental Research	PSER03				10	12						
4	(01) Policies, Regulations and Law	EFP04	2			2	4						
	(02) Entrepreneurial Forecasting and Planning	E04											
5	Practical Activity for the Preparation of Dissertation Thesis	PA04									16	18	
6	Elaboration of the Dissertation Thesis	ED04									10	12	

Courses per years (C = course; S = seminar; L = laboratory; P = project)