Transilvania University of Braşov, Romania

Study program: Fundamental Mathematical Structures

Faculty :   Mathematics and Computer Science
Study period: 2 years (master)
Academic year structure: 2 semesters (14 weeks per semester, except for the last
                                        semester which has 12 weeks)
Examination sessions (two):   winter session (January/February)
                                        summer session (June/July)

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

1st Year

No. crt.	Course	Code	1st Semester					2nd Semester				
			C	S	L	P	Cred	C	S	L	P	Cred
01	Fix Point Theory	MM1	2	1	-	-	6					
02	Riemannian Geometry	MM2	2	1	-	-	6					
03	Geometric Function Theory	MM13	2	2	-	-	6					
04	Applied Statistics	MM14	2	-	1	-	6					
05	Relativity Theory	MM15	2	1	-	-	6					
06	Non-Riemannian Geometry	MM21						2	1	-	-	6
07	Coding Theory and Cryptography	MM22						2	2	-	-	6
08	Stochastic Processes and Applications	MM23						2	1	-	-	6
09	Theory of Distributions and Applications	MM24						2	1	-	-	6
10	Operator Theory (Elected course)	MM25						2	1	-	-	6

2nd Year

No. crt.	Course	Code	3rd Semester					4th Semester				
			C	S	L	P	Cred	C	S	L	P	Cred
01	Approximation Theory	MM31	2	2	-	-	8					
02	Reliability of Systems	MM32	2	1	1	-	8					
03	Optimal control	MM41						2	2	-	-	8
04	Fractal theory	MM42						2	2	-	-	7
05	Scientific Seminar	MM43	-	4	-	-	6					
06	Specialized practice	MM44						-	-	-	2	5
07	Practice for elabora-tion of the Master Thesis	MM45						-	-	-	4	8
08	Research methodo-logy. Ethics and academic integrity	MM46						1	-	-	-	2
09	Covexity and Inequalities	MM34	2	2	-	-	8					