

**SHORT COURSE SHEET: „BRANCHING PROCESSES”
2018-2019**

1. Program data

1.1 Departament	Exact Science
1.2 Institution	Romanian Academy
1.3 Field of study	Mathematics
1.4 Cycle	Doctoral

2. Data on the subject

2.1 Name of the subject	Branching processes						
2.2 Holder of course activities	Prof Dr. Lucian Beznea						
2.3 Holder of seminar activities	Prof Dr. Lucian Beznea						
2.4 Holder of laboratory activities							
2.5 Year of study	I	2.6 Semester	I	2.7 Type evaluation	E*	2.8 Regime of the discipline	DS**

3. Estimated total time (hours per semester of teaching activities)

3.1 Number of hours per week	4	Of which:					
3.2 course	2	3.3 seminar	2	3.4 laboratory	0		
3.5 Total hours in the curriculum	56	Of which:					
3.6 course	28	3.7 seminar	28	3.8 laboratory	0		
Distribution of time:							hours
Study by textbook, course support, bibliography and notes							60
Additional documentation in the library, on specialized electronic platforms and on the field							100
Preparation of seminars/laboratories, topics, papers, portfolios and essays							94
Tutoring							55
Examinations							4
Other activities: Module: General research methods and methodology of elaboration of scientific papers							6
3.9 Total hours of individual study	319						
3.10 Total hours per semester	375						
3.11 Number of credits	23						

4. „Learning outcomes” and specific skills acquired

<ol style="list-style-type: none"> 1. Learning the subject taught in the course; 2. Ability to use the results presented in new contexts; 3. The knowledge and skills acquired within this discipline will be the basis of future scientific and didactic research activities; 4. Ability to select and use independently the most appropriate methods of scientific research in one's own professional activity; 5. Ability to present the results obtained in one's own scientific research; 6. Knowledge of the notion of copyright and its ethical implications; 7. Knowledge of the general principles of writing a scientific paper; 8. Writing a scientific paper ; 9. Writing a research project.
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5. Assessment

*E = Examen. C = Colocviu.

**DF = Disciplină Fundamentală. DS = Disciplină de Specialitate.

Type of activity	5.1 Assessment criteria	5.2 Methods	5.3 Weight of the final grade
5.4 Course	Acquired knowledge	Written exam	65%
5.5 Seminar	Activity	Oral exam	35%
5.6 Laboratory			
5.7 Minimum performance standard: Knowledge of 70% of the information contained in the course			

Signature of the course holder
Prof Dr. Lucian Beznea

Signature of the seminar holder
Prof Dr. Lucian Beznea

Signature of the laboratory holder

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