

COURSE SHEET: “ NUMERICAL TECHNIQUES FOR SOLVING OPTIMAL CONTROL PROBLEMS”2017 - 2018

1. Information

1.1 Department	Sciences
1.2 Institution	Romanian Academy
1.3 Domain	Mathematics
1.4 Study cycle	Ph.D.

2. Data about discipline

2.1 Name of the discipline	Numerical techniques for solving optimal control problems						
2.2 Holder of the course activities	Senior researcher I Dr. Gabriela Marinoschi						
2.3 Holder of the seminar activities	Senior researcher I Dr. Gabriela Marinoschi						
2.4 Titularul activităților de laborator							
2.5 Year	I	2.6 Semester	II	2.7 Type of evaluation	E*	2.8 Discipline regime	DS**

3. Total time estimated (hours/semester)

3.1 Number of hours a week	4	From:			
3.2 course	2	3.3 seminar	2	3.4 laboratory	0
3.5 Total hours in the curriculum	56	From:			
3.6 course	28	3.7 seminar	28	3.8 laboratory	0
Study time distribution:					hours
Study by textbook, course support, bibliography and notes					60
Additional documentation in the library, on specialized electronic platforms and in the field					100
Preparation of seminars / laboratories, homework, papers, portfolios and essays					100
Tutorial					55
Examinations					4
Other					-
3.9 Total individual study hours	319				
3.10 Total hours per semester	375				
3.11 Number of credits	20				

4. „Learning outcomes ”and specific skills acquired

1. Learning the subject taught in the course;
2. Ability to use the results presented in new contexts;
3. The knowledge and skills acquired in this discipline will be the basis of future scientific and didactic research activities.

5. Evaluation

Type of activity	5.1 Evaluation criteria	5.2 Evaluation method	5.3 Percent of final vote
5.4 Course	Acquired knowledge	Written exam	65%
5.5 Seminar	Activity	Oral examination	35%
5.6 Laboratory			
5.7 Minimum performance standard: Knowledge of 70% of the information contained in the course			

Course holder signature
Senior researcher I Dr. Gabriela Marinoschi

Seminar holder signature
Senior researcher I Dr. Gabriela Marinoschi

Laboratory holder signature

* E = Exam. C = Colloquium.

** DF = Fundamental Discipline. DS = Specialized Discipline.