

**„LAPLACE OPERATOR ON MANIFOLDS”
BRIEF DESCRIPTION
2015-2016**

1. The program

1.1 Department	Exact Sciences
1.2 Institution	Romanian Academy
1.3 Domain	Mathematics
1.4 Academic degree	PhD

2. The course

2.1 Course name	Laplace operator on manifolds						
2.2 Lecturer	C.S. I Dr. Radu Purice						
2.3 Assistant lecturer	C.S. I Dr. Radu Purice						
2.4 Experimental training							
2.5 Year of studies	I	2.6 Semester	I	2.7 Type of evaluation	E*	2.8 Type of course	DS**

3. Duration (didactic activities in hours/semester)

3.1 Hours per week	4	Of which:			
3.2 reading	2	3.3 seminar	2	3.4 laboratory	0
3.5 Number of hours (in the curriculum)	56	Of which:			
3.6 reading	28	3.7 seminar	28	3.8 laboratory	0
Working time distribution:					ore
Study of written materials					60
Suplimentary documentation (internet, data bases, on the ground)					100
Preparing for seminar and laboratory trainment and elaboration of written works					100
Monitoring					55
Examination					4
Other activities:					0
3.9 Total individual study time	319				
3.10 Total number of hours per semester	375				
3.11 Credits number	15				

4. Expected “gain of learning” and added specific competences

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;

5. Evaluation

Activity	5.1 Evaluation criteria	5.2 Evaluation methods	5.3 Weight in final note
5.4 Lecture	Acquired knowledge	Written examination	65%
5.5 Seminar	Activity	Oral examination	35%
5.6 Laboratory			
5.7 Minimal standard: Knowledge of 70% of the total information presented in the course.			

Lecturer signature
C.S. I Dr. Radu Purice

Assistant lecturer signature
C.S. I Dr. Radu Purice

Experimental training signature

*E = Examen. C = Colocviu.

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