ROMANIAN ACADEMY
Advanced Studies School of the Romanian Academy (SCOSAAR)

„MEASURE THEORY ON INFINITE DIMENSIONAL SPACES"
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			Measure theory on infinite dimensional spaces				
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**	II	**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	94
Monitoring	55
Examination	4
Other activities: Training module in *Research methodology and Skills in elaborating research papers*	6

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;
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.

*E = Examen. C = Colocviu.
**DF = Disciplină Fundamentală. DS = Disciplină de Specialitate.

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

*E = Examen. C = Colocviu.
**DF = Disciplină Fundamentală. DS = Disciplină de Specialitate.