ROMANIAN ACADEMY

School of Advanced Studies of the Romanian Academy (SCOSAAR)

BRIEF COURSE SYLLABUS: "GRAPHS AND ASSEMBLY METHODS IN MACHINE LEARNING"
2020-2021

1. Information about the programme

1.1 Department	Exact Sciences
1.2 Institution	Romanian Academy
1.3 Field of study	Informatics
1.4 Study cycle	Doctoral Studies

2. Information about the course

2.1 Name of the course			Graphs and assembly methods in machine learning				
2.2 Holder of lecture activities			Associate Professor Marius Leordeanu, Ph.D.				
2.3 Holder of seminar activities			Associate Professor Marius Leordeanu, Ph.D.				
2.4 Holder of laboratory activities							
2.5 Study year	I	**2.6 Semester**	II	**2.7 Type of assessment**	E*	**2.8 Course status**	SC**

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

3.1 Number of hours per week	4	**Of which:**			
3.2 lecture	2	**3.3 seminar**	2	**3.4 laboratory**	0
3.5 Total hours in the curriculum	56	**Of which:**			
3.6 lecture	28	**3.7 seminar**	28	**3.8 laboratory**	0
Distribution of time resources:					hours
Studying using textbook, course materials, bibliography and notes					60
Additional research in the library, on specialized electronic platforms and on the field					55
Preparation for seminars/laboratories, homework, papers, portfolios and essays					50
Tutoring					55
Examinations					4
Other activities:					-

3.9 Total individual study hours	224
3.10 Total hours per semester	280
3.11 Number of credits	15

4. "Learning outcomes" and specific skills acquired

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

5. Assessment

Activity type	**5.1 Assessment criteria**	**5.2 Assessment methods**	**5.3 Weight in the final grade**
5.4 Lecture	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			

Course holder's signature   Seminar holder's signature   Laboratory holder's signature
Associate Professor Marius   Associate Professor Marius
Leordeanu, Ph.D.   Leordeanu, Ph.D.

*E = Exam. C = Colloquium.
**CC = Core Course. SC = Specialty Course.