

**BRIEF COURSE SYLLABUS: "SEMI-SUPERVISED AND UNSUPERVISED LEARNING IN  
COMPUTER VISION"  
2020-2021**

**1. Information about the programme**

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

**2. Information about the course**

<b>2.1 Name of the course</b>	Semi-supervised and unsupervised learning in computer vision							
<b>2.2 Holder of lecture activities</b>	Associate Professor Marius Leordeanu, Ph.D.							
<b>2.3 Holder of seminar activities</b>	Associate Professor Marius Leordeanu, Ph.D.							
<b>2.4 Holder of laboratory activities</b>								
<b>2.5 Study year</b>	I	<b>2.6 Semester</b>	II	<b>2.7 Type of assessment</b>		E*	<b>2.8 Course status</b>	SC**

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

<b>3.1 Number of hours per week</b>	4	<b>Of which:</b>			
<b>3.2 lecture</b>	2	<b>3.3 seminar</b>	2	<b>3.4 laboratory</b>	0
<b>3.5 Total hours in the curriculum</b>	56	<b>Of which:</b>			
<b>3.6 lecture</b>	28	<b>3.7 seminar</b>	28	<b>3.8 laboratory</b>	0
<b>Distribution of time resources:</b>					<b>hours</b>
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
<b>Other activities:</b>					-
<b>3.9 Total individual study hours</b>	224				
<b>3.10 Total hours per semester</b>	280				
<b>3.11 Number of credits</b>	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**

<b>Activity type</b>	<b>5.1 Assessment criteria</b>	<b>5.2 Assessment methods</b>	<b>5.3 Weight in the final grade</b>
<b>5.4 Lecture</b>	Acquired knowledge	Written exam	65%
<b>5.5 Seminar</b>	Activity	Oral exam	35%
<b>5.6 Laboratory</b>			
<b>5.7 Minimum performance standard:</b> Knowledge of 70% of the information contained in the course			

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

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

Laboratory holder's signature

\*E = Exam. C = Colloquium.

\*\*CC = Core Course. SC = Specialty Course.