

**BRIEF COURSE SYLLABUS: "ADVANCED RECOGNITION METHODS ON VIDEO"  
2016-2017**

**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>              | Advanced recognition methods on video       |                     |   |                               |    |                          |      |
| <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> | I | <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            |
| Other activities:  |     |                    |    |                       | -            |
| <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>  | 20  |                    |    |                       |              |

**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.