

COURSE BRIEF DESCRIPTION: „SECURITY MODELS”  
2019-2020

1. Program information

1.1 Department	Exact sciences
1.2 Institution	Romanian Academy
1.3 Study domain	Computer science
1.4 Study cycle	Doctoral degree program

2. Course information

2.1 Course name	Security models						
2.2 Course teacher	Prof. Dr. Ferucio Laurențiu Țiplea						
2.3 Seminar teacher	Prof. Dr. Ferucio Laurențiu Țiplea						
2.4 Laboratory teacher							
2.5 Study year	I	2.6 Semester	I	2.7 Evaluation	E*	2.8 Course status	DS**

3. Total estimated hours (hours per semester and didactic activities)

3.1 Hours per week	4	In which:					
3.2 course	2	3.3 seminar	2	3.4 laboratory	0		
3.5 Hours in curriculum	56	In which:					
3.6 course	28	3.7 seminar	28	3.8 laboratory	0		
Time distribution:							hours
Manual study, course support, bibliography, and others							60
Supplementary documentation in library, in electronic forums, and on the field							55
Seminaries/laboratories preparation, homework, reports, portfolios, and essays							44
Tutoring							55
Evaluation							4
Other activities: Module of general research methods and methodology of scientific paper elaboration							6
3.9 Total hours of individual study	224						
3.10 Total hours per semester	280						
3.11 Credits	15						

4. Specific skills acquired

<ol style="list-style-type: none"> <li>1. Exposition of fundamental concepts;</li> <li>2. Capability to use the scientific information in practice;</li> <li>3. The knowledge and skills acquired in this discipline will be the basis of future scientific and didactic research activities;</li> <li>4. Ability to select and use the most appropriate methods of scientific research independently in one's own professional activity;</li> <li>5. Ability to present the results obtained in one's own scientific research;</li> <li>6. Knowledge of the notion of copyright and its ethical implications;</li> <li>7. Knowledge of the general principles of writing a scientific paper;</li> <li>8. Writing a scientific paper;</li> <li>9. Writing a research project.</li> </ol>
--

\*E = Exam. C = Colloquy.

\*\*DF = Compulsory Discipline. DS = Specialized Discipline.

## 5. Evaluation

Activity type	5.1 Evaluation criteria	5.2 Evaluation method	5.3 Percentage
5.4 Course	Knowledge of basic concepts	Written exam	65%
5.5 Seminar	Performance in class	Ongoing evaluation based on the skills proved in class	35%
5.6 Laboratory			
5.7 Minimal performance standards: Knowledge of 70% of the information contained in the course			

Course teacher signature  
Prof. Dr. Ferucio Laurențiu Țiplea

Seminar teacher signature  
Prof. Dr. Ferucio Laurențiu Țiplea

Laboratory teacher signature

\*E = Exam. C = Colloquy.

\*\*DF = Compulsory Discipline. DS = Specialized Discipline.