

## SYLLABUS

### 1. Information regarding the programme

1.1 Higher education institution	<b>Babeş Bolyai University</b>
1.2 Faculty	<b>Faculty of Mathematics and Computer Science</b>
1.3 Department	<b>Department of Computer Science</b>
1.4 Field of study	<b>Computer Science</b>
1.5 Study cycle	<b>Bachelor</b>
1.6 Study programme / Qualification	<b>Mathematics and Computer Science (in English)</b>

### 2. Information regarding the discipline

2.1 Name of the discipline (en) (ro)	Professional Communication and career plan						
2.2 Course coordinator	<b>Assoc.Prof.PhD. Simona Motogna</b>						
2.3 Seminar coordinator	-						
2.4. Year of study	<b>3</b>	2.5 Semester	<b>5</b>	2.6. Type of evaluation	<b>C</b>	2.7 Type of discipline	<b>Facultative</b>
2.8 Code of the discipline	MLR7005						

### 3. Total estimated time (hours/semester of didactic activities)

3.1 Hours per week	3	Of which: 3.2 course	2	3.3 seminar/laboratory	1 pr
3.4 Total hours in the curriculum	42	Of which: 3.5 course	28	3.6 seminar/laboratory	14
Time allotment:					hours
Learning using manual, course support, bibliography, course notes					6
Additional documentation (in libraries, on electronic platforms, field documentation)					7
Preparation for seminars/labs, homework, papers, portfolios and essays					8
Tutorship					7
Evaluations					5
Other activities: .....					-
3.7 Total individual study hours	33				
3.8 Total hours per semester	75				
3.9 Number of ECTS credits	3				

### 4. Prerequisites (if necessary)

4.1. curriculum	•
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4.2. competencies	•
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## 5. Conditions (if necessary)

5.1. for the course	• Room with projector
5.2. for the seminar /lab activities	•

## 6. Specific competencies acquired

<b>Professional competencies</b>	<ul style="list-style-type: none"> <li>• C3.2 Identify and explain the basic computer science models corresponding to application domain</li> <li>• C3.4 Data and model analysis</li> </ul>
<b>Transversal competencies</b>	<p>CT1 Apply rules to: organized and efficient work, responsibilities of didactical and scientific activities and creative capitalization of own potential, while respecting principles and rules for professional ethics</p> <p>CT2 Efficient organization of activities in an inter-disciplinary group and development of empathic communication, relational and collaboration abilities</p> <p>CT3 Use efficient methods and techniques for learning, knowledge gaining, and research and develop capabilities for capitalization of knowledge, accommodation to society requirements and communication in English</p>

## 7. Objectives of the discipline (outcome of the acquired competencies)

7.1 General objective of the discipline	<ul style="list-style-type: none"> <li>• Initiate students in communication and presentation of the Computer Science domain from a professional perspective</li> </ul>
7.2 Specific objective of the discipline	<ul style="list-style-type: none"> <li>• Communication skills for academic and professional writing (documentation, technical reports, scientific papers)</li> <li>• Communication skills for verbal presentations: participation, debate, argument</li> <li>• Professional development: prepare a CV, prepare an interview</li> <li>• Career choice: continue education, academic career, industry career</li> </ul>

## 8. Content

8.1 Course	Teaching methods	Remarks
1. Presentation of the faculty, academic plans, structure of studies	Exposure: description, debate	
2. Communication – technical; general presentation	Exposure: description, debate, case studies, examples, dialogue	
3. Written communication	Exposure: description, debate, case studies,	

	examples, dialogue	
4. Verbal communication	Exposure: description, debate, case studies, examples, dialogue	
5. Visual communication	Exposure: description, debate, case studies, examples, dialogue	
6. Prepare a CV	Exposure: description, debate, case studies, examples, dialogue	
7. Prepare an interview	Exposure: description, debate, case studies, examples, dialogue	
8. CV and technical interview		Invited lecture from software company
9. Domain of Computer Science	Exposure: description, debate, case studies, examples, dialogue	
10. Technical organization of a software company	Exposure: description, debate, case studies, examples, dialogue	
11. Hierarchical organization of a software company	Exposure: description, debate, case studies, examples, dialogue	
12. Invited lecture from software company		
13. How to build a research career?	Exposure: description, debate, case studies, examples, dialogue	
14. Evaluation	evaluation	
Bibliography ACM – Professional Competencies – acm.org IEEE – Computer Science Curricula ieee.org - Onlinesources: soft skills, presentation skills, communication skills		

**9. Corroborating the content of the discipline with the expectations of the epistemic community, professional associations and representative employers within the field of the program**

- The course respects the IEEE and ACM Curricula Recommendations for Computer Science studies;
- The course exists in the studying program of all major universities abroad;
- The content of the course is providing basic communication skills required by companies in Romania

### 10. Evaluation

Type of activity	10.1 Evaluation criteria	10.2 Evaluation methods	10.3 Share in the grade (%)
10.4 Course	- know the basic principle of communication; - apply the course concepts	Written exam	50%
	- portfolio	CV Course quiz	30% 20%
<b>10.6 Minimum performance standards</b>			
<ul style="list-style-type: none"> <li>➤ At least grade 5 (from a scale of 1 to 10) at both evaluation forms</li> <li>➤ Basic communication skills for Computer Science</li> </ul>			

Date

30.04.2020

Signature of course coordinator

Assoc.Prof.PhD. Simona MOTOGNA

Signature of seminar coordinator

Date of approval

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Signature of the head of department

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