



**Course syllabus**  
**Academic year 2021-2022**

**1. Information regarding the programme**

1.1 Higher Education Institution	<b>Babeş-Bolyai University</b>
1.2 Faculty	<b>European Studies</b>
1.3 Department	<b>International Relations and German Studies</b>
1.4 Field of study	<b>International Relations and European Studies</b>
1.5 Study level	<b>Bachelor</b>
1.6 Programme of study/ Qualification	<b>International Relations and European Studies (German line of study)</b>

**2. Information regarding the discipline**

2.1 Title	<b>Computer Science Applied in Social Sciences</b>						
2.2 Course coordinator	<b>Conf Dr Alina Andreica</b>						
2.3 Seminar coordinator	<b>Conf Dr Alina Andreica</b>						
2.4 Year of study	1	2.5 Semester	1	2.6. Type of assessment <sup>1</sup>	<b>exam</b>	2.7 Type of module <sup>2</sup>	<b>compulsory</b>

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

3.1 Hours per week	2	Of which: 3.2 course	1	3.3 seminar/laboratory	1
3.4 Total hours in the curriculum	28	Of which: 3.5 course	14	3.6 seminar/laboratory	14
Time distribution: 14*2=28					hours
Study by using handbook, reader, bibliography and course notes					14
Additional library/specialised online research, field research					14
Preparation of seminars/laboratories, homework, projects, portfolios and essays					14
Tutoring					3
Examinations					2
Other activities: .....					
3.7 Total no. of hours for individual study	47				
3.8 Total no. of hours per semester	75				
3.9 No. of ETCS credit points	3				

**4. Prerequisites (if necessary)**

4.1 of curriculum	❖	
4.2 of competencies	❖	

**5. Conditions (if necessary)**

5.1 For the development of the course	❖
5.2 For the development of the seminar/laboratory	❖ IT lab user procedures

<sup>1</sup> E - exam, ME - multi-term examinations, C - collocutional examination/assessment test

<sup>2</sup> OB - core module, OP - elective module, F - extracurricular module

## 6. Specific skills acquired

<b>Professional competencies</b>	<ul style="list-style-type: none"> <li>❖ Cognitive – knowledge regarding             <ul style="list-style-type: none"> <li>○ evolution and functioning principles of computers, computer networks and Internet services applied in social sciences</li> </ul> </li> <li>❖ Applicative skills             <ul style="list-style-type: none"> <li>○ Processing, analyzing and synthesizing data using Excel spreadsheet processor</li> <li>○ Creating a web site on blog technology</li> <li>○ Team work, structuring and writing a small research project</li> </ul> </li> </ul>
<b>Interdisciplinary competencies</b>	<ul style="list-style-type: none"> <li>❖ Capacity of efficiently using time resources and learning techniques for personal and professional development</li> <li>❖ Using the acquired knowledge and skills for personal and professional development with regard to adapting to labour market requirements</li> </ul>

## 7. Course objectives (based on list of acquired skills)

7.1 General objectives	<ul style="list-style-type: none"> <li>❖ Targeted knowledge: functioning principles of: computers and IT information &amp; communication facilities applied in social sciences, proficient design principles for web sites and blogs</li> </ul>
7.2 Specific objectives	<ul style="list-style-type: none"> <li>❖ <i>Targeted skills</i>: capability of using software products with electronic information &amp; communication facilities applied in social sciences; processing, analyzing and synthesizing data in Excel; designing web pages on blog technologies; writing a small research project on e-activities based on team-work</li> </ul>

## 8. Content

8.1 Course	Teaching methods	Observations
1. Computer evolution, components and functioning principles	Computer assisted lectures for presenting the course content – PowerPoint presentations, examples, Q&A, on-going evaluations, explanations, problematising, discussions based on the educational resources Online tools: MS Teams	
2. Software and operating systems		
3. Computer networks		
4. Internet evolution. Internet addressing; the Domain Name System The e-mail system		
5. Internet security aspects		
6. World Wide Web		
7. Web 2.0 Multimedia transmissions. Audio & videoconferences Electronic activities and social impact		
Topic synthesis	Revision	
Bibliography Alina Andreica –IT Management, Ed. Efes, 2009 Preston Gralla, How the Internet Works, Que Publishing, 2006 Stephen Moffat, Microsoft Publisher 2010, <a href="http://bookboon.com/en/publisher-2010-part-i-ebook">http://bookboon.com/en/publisher-2010-part-i-ebook</a> , <a href="http://bookboon.com/en/publisher-2010-part-ii-ebook">http://bookboon.com/en/publisher-2010-part-ii-ebook</a> (part 2 optional) Charles R Severance, Introduction to Networking: How the Internet Works, CreateSpace Independant Publishing Platform, 2015 Gwen Solomon, Lynn Shrumm, Web 2.0: New Tools, New Schools , International Society for Technology in Education, 2007 Steve Scott, How to Start a Successful Blog, Amazon Digital Services, 2014 , available online Andrew S. Tanenbaum, Computer networks, Prentice Hall (4th edition), 2002 Paul Hodkinson, Media, Culture and Society (an introduction), Sage, 2011		

[http://www.amazon.com/Media-Culture-Society-An-Introduction/dp/1412920531/ref=pd\\_sim\\_b\\_3#reader\\_1412920531](http://www.amazon.com/Media-Culture-Society-An-Introduction/dp/1412920531/ref=pd_sim_b_3#reader_1412920531)

Alina Andreica - *Organizing the Implementation of Information Systems*, Studia Europaea L, 1, 2005, "Babeş-Bolyai" University, p. 203-215 (faculty library) – optional

**UBB online resources on the discipline's site – FSE e-learning system**

<http://sites.euro.ubbcluj.ro/elearning/course/view.php?id=54>

8.2 Seminar / laboratory	Teaching methods	Observations
1. FSE elearning platform Data analysis and synthesis in Excel	exercises	Online tools: MS Teams
2. Analyzing and synthesizing data in Excel	Exercises, applications Presentation, team + individual work for the assignment	
3. Processing a quiz in Excel		
4. Data Analysis assignment evaluation	Ongoing evaluation	
5. Creating a Web site on blog technology – Wordpress	Presentation, team + individual work for the assignment	
6. Blog evaluation	Ongoing evaluation	
7. E-activities project evaluation	Ongoing evaluation	

#### Bibliography

Stephen Moffat, Microsoft Publisher 2010, <http://bookboon.com/en/publisher-2010-part-i-ebook>

Steve Scott, How to Start a Successful Blog, Amazon Digital Services, 2014, available online

New media text collection, online version available at [http://www.newmediareader.com/book\\_contents.html](http://www.newmediareader.com/book_contents.html)

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#### 9. The correspondence between the content of the course and the expectations of the academic community, professional associations and representative employers in the field:

With a strong applied character, the course actively prepares students for using IT information and communication tools and online marketing facilities within their future job position

#### 10. Assessment

Type of activity	10.1 Assessment criteria	10.2 Assessment methods	10.3 Percentage of the final grade
10.4 Course	Appropriate knowledge management regarding the presented principles and concepts	Online quiz <i>FSE e-learning platform and Teams Code: dlhtsnv</i>	2/5
10.5 Seminar/ Laboratory	Complying the assignment and site functioning requirements	Data analysis in Excel – ongoing evaluation	1/5
	Complying the assignment requirements for the blog	Site-Blog evaluation – ongoing evaluation	1/5
	Complying the assignment requirements for the e-activities project	E-activities project evaluation – ongoing evaluation <i>Teams Code: 2fhtojc</i>	1/5
<i>Ex officio: 1 point</i>			
10.6 Minimum standard of performance			
For grade 5: overall 45-50% of the required content		For grade 10: overall 95-100% of the required content	

Date

27.09.2021

Date of departmental approval

01.10.2021

Course holder signature

Conf Dr Alina Andreica

Head of department signature

Seminar holder signature

Conf Dr Alina Andreica