



Course syllabus

Academic year 2023-2024

1. Information regarding the programme

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

2. Information regarding the discipline

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

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					10
Examinations					10
Other activities:					
3.7 Total no. of hours for individual study	14				
3.8 Total no. of hours per semester	28				
3.9 No. of ETCS credit points	5				

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

¹ E - exam, ME - multi-term examinations, C - colloquial examination/assessment test

² OB - core module, OP - elective module, F - extracurricular module

6. Specific skills acquired

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

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

7.1 General objectives	<ul style="list-style-type: none"> ❖ Targeted knowledge: functioning principles of: computers and IT information & communication facilities applied in social sciences, proficient design principles for web sites and blogs
7.2 Specific objectives	<ul style="list-style-type: none"> ❖ <i>Targeted skills</i>: capability of using software products with electronic information & 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

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 in the Digital Society, Cluj University Press, 2023

Preston Gralla, How the Internet Works, Que Publishing, 2006

Stephen Moffat, Microsoft Publisher 2010, <http://bookboon.com/en/publisher-2010-part-i-ebook> ,
<http://bookboon.com/en/publisher-2010-part-ii-ebook> (part 2 optional)

Charles R Severance, Introduction to Networking: How the Internet Works, CreateSpace Independent 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

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

UBBonline 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	IT Computer Lab
2. Analyzing and synthesizing data in Excel	Exercises, applications	
3. Processing a quiz in Excel	Presentation, team + individual work for the assignment	
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

UBBonline resources on the discipline’s site - FSE e-learning system

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

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</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	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

Course holder signature

Seminar holder signature

27-09-2023

Conf Dr Alina Andreica

Conf Dr Alina Andreica

Date of departmental approval

Head of department signature