COURSE SYLLABUS

1. Information about the study program

1.1 University	Babeș-Bolyai University
1.2 Faculty	Faculty of History and Philosophy
1.3 Department	International Studies and Contemporary History
1.4 Field of study	Security Studies
1.5 Study cycle (BA/MA)	BA
1.6 Study program/Qualification	Security Studies

2. Information about the subject

2.1 Course title	Introduction to Cybersecurity							
2.2 Course tutor								
2.3 Seminar tutor								
2.4 Year of study	2	2.5 Semester	3	2.6 Type of assessment	E	2.7 Course status	Contents	
							Mandatory	DS

3. Total estimated time (teaching hours per semester)

3.1 Number of hours per week	4	of which: 3.2 course	2	3.3 seminar/laboratory	2
3.4 Total number of hours in the curriculum	56	of which: 3.5 course	28	3.6 seminar/laboratory	28
Time distribution					Hours
Study based on textbook/course manual/recommended reading/personal notes					19
Additional research in the library, by accessing scientific databases,or during field work					22
Preparation for seminars/laboratory classes, essays, portfolios and reports					13
Tutoring					
Assessment (examinations)					15
Other activities					

3.7 Total hours for individual study		69
3.8 Total hours per semester		125
3.9 Number of credits		5

4. Prerequisites (if necessary)

4.1 Curriculum	Not the case
4.2 Skills	Not the case

5. Conditions (if necessary)

5.1. For delivering lectures	● -
5.2. For teaching seminars/laboratory classes	● -

6. Acquired specific competences

Professional competences	Knowledge and interpretation of basic legal and technical aspects of cyber security
	Generalization, customization, contextualization, integration and making connections between the elements and situations of cyber security risk. Scientific description of some basic phenomena in the field of cyber security
	Ability to prevent and respond to basic cyber security incidents
Transversal competences	Positive capitalization of the security culture
	Open and responsible attitude towards security issues

7. Course objectives (derived from the specific competences acquired)

7.1 General objective of course	• Learning concepts on security and cybersecurity
7.2 Specific objectives	• analisys skills and professional competences

8. Contents

8.1 Lectures	Teaching methods	Remarks
Cybersecurity Fundamentals	Presentation/debate	
Cybersecurity Glossary of Terms and Concepts	Presentation/debate	
Cybersecurity Risks and Threats Nowadays	Presentation/debate	
Best Practices for Prevention and Response	Presentation/debate	
Endusers' Cybersecurity	Presentation/debate	
The Cybersecurity of SMEs	Presentation/debate	
The Cybersecurity Strategy of Romania	Presentation/debate	
CERTs and CSIRTs	Presentation/debate	
National Cybersecurity Framework	Presentation/debate	
International Cybersecurity Institutions	Presentation/debate	
The Cybersecurity of Mobile Devices (MD)	Presentation/debate	
Cybersecurity and the GDPR. Law Framework	Presentation/debate	
Cybersecurity and the GDPR. Technical Framework	Presentation/debate	
Recap	Presentation/debate	

Bibliography

➢ ISACA, Cybersecurity Fundamentals Glossary, 2014.
➢ Melissa Higgins (author) ; M. G Higgins ; Joshua J. Pauli (contributors), Cybersecurity,
➢ Minneapolis, Abdo Publishing, 2016.
➢ John Sammons, Michael Cross, The basics of cyber safety: computer and mobile device safety made
➢ easy,Amsterdam, Elsevier, 2017.
➢ Charles J. Brooks, Philip Craig, Donald Short Somerset, Cybersecurity essentials, John Wiley &
➢ Sons, 2018.
➢ Bart McDonough, Cyber smart: five habits to protect your family, money, and identity from cyber
➢ criminals, Indianapolis, Wiley, 2019.

	Erdal Ozkaya, Cybersecurity: the beginner's guide : a comprehensive guide to getting started in		

> ➢ Erdal Ozkaya, Cybersecurity: the beginner's guide : a comprehensive guide to getting started in
> ➢ cybersecurity, Birmingham, Packt, 2019.

8.2 Seminars	Teaching methods	Remarks
General Cybersecurity Terminology	debate/analysis	
Cybersecurity Goals and Attacker Models	debate/analysis	
Cybersecurity Risks and Threats.	debate/analysis	
Cybersecurity Prevention and Response	debate/analysis	
Endusers' Cybersecurity	debate/analysis	
Practical Tutorial - Simulation 1	debate/analysis	
Practical Tutorial - Simulation 2	debate/analysis	
Practical Tutorial - Simulation 3	debate/analysis	
Practical Tutorial - Simulation 4	debate/analysis	
Mobile Devices' Cybersecurity	debate/analysis	
Cybersecurity and GDPR. Law Framework	debate/analysis	
Cybersecurity and GDPR. Technical Framework	debate/analysis	
Practical Tutorial - Simulation 5	debate/analysis	
Global security governance. A critical approach	debate/analysis	
Recap	Debate/analysis	

Bibliography

ISACA, Cybersecurity Fundamentals Glossary, 2014.

Melissa Higgins (author) ; M. G Higgins ; Joshua J. Pauli (contributors), Cybersecurity, Minneapolis, Abdo Publishing, 2016.

John Sammons, Michael Cross, The basics of cyber safety: computer and mobile device safety made easy, Amsterdam, Elsevier, 2017.

Charles J. Brooks, Philip Craig, Donald Short Somerset, Cybersecurity essentials, John Wiley & Sons, 2018.

Bart McDonough, Cyber smart: five habits to protect your family, money, and identity from cyber criminals, Indianapolis, Wiley, 2019.

Erdal Ozkaya, Cybersecurity: the beginner's guide : a comprehensive guide to getting started in cybersecurity, Birmingham, Packt, 2019.

9. Validating course contents based on the expectations of epistemic communities, professional associations and of potential employers related to the field of study.

- The discipline was developed in accordance with the works in the field, published in the country and abroad;

- Some of the topics in the course include relevant issues that are the subject of concern of relevant institutions or international scientific conferences, including debates in international journals.

10. Assessment (examination)

Type of activity	10.1 Assessment criteria	10.2 Assessment methods	10.3 Weight in the final grade
10.4 Lecture	• Projects	E	70%
10.5 Seminar	• Paper wor	Presentations	30%
10.6 Basic performance standard			
Organizational details, exceptional situation management: • 5			

Date	Course tutor's signature	Seminar tutor's signature
Date of department endorsement	Head of department's signature	
Date of Dean's endorsement	Signature of the vice-Dean in charge	Faculty stamp