

COURSE SYLLABUS

1. Information about the study program

1.1 University	Babeş-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	Elements of forensic Science							
2.2 Course tutor								
2.3 Seminar tutor								
2.4 Year of study	1	2.5 Semester	2	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					22
Additional research in the library, by accessing scientific databases, or during field work					13
Preparation for seminars/laboratory classes, essays, portfolios and reports					16
Tutoring					12
Assessment (examinations)					6
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	<ul style="list-style-type: none"> - Adequate use of concepts, theories and paradigms in the field of Forensic science - Application of techniques, tactics and methodologies specific to the field of Forensics - Implementing the knowledge acquired in solving some case studies
Transversal competences	<ul style="list-style-type: none"> - Carrying out professional tasks efficiently and responsibly, respecting the deontological rules specific to the field - Application of efficient teamwork techniques (with elements of interdisciplinarity), respecting the hierarchical levels

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

7.1 General objective of course	<ul style="list-style-type: none"> • Students' acquisition of theoretical knowledge about the science of forensics: brief history, general notions, elements of forensic technique and tactics.
7.2 Specific objectives	<ul style="list-style-type: none"> • Formation of specific competencies for each topic, in order to identify the way in which the activity of the criminal investigation bodies and the courts is carried out • Development of practical skills regarding the technical-scientific investigation of the crime scene, identification of evidence and their use in criminal proceedings

8. Contents

8.1 Lectures	Teaching methods	Remarks
Brief history of Forensic in Romania	Lecture, didactic film	
General notions about Forensics	lecture	
Forensic identification	Lecture, didactic film	
Photographic technique. Judicial photography	Lecture, didactic film	
Judicial trajectory. Forensic research of traces	lecture	
Biological traces of human nature. Forensic identification of the DNA profile	Lecture, didactic film	
Forensic fingerprinting. Forensic research of papillary traces	Lecture, didactic film	
Judicial graphoscopy. Forensic research of documents	Lecture, didactic film	
Judicial ballistics. Forensic research of traces produced by the use of firearms	Lecture, didactic film	
Identifying people by signals. Polygraph technique	Lecture, didactic film	
Elements of traumatology and thanatology	lecture	
Crime scene research and search	lecture	
Special methods of supervision or research	lecture	
Tactics of investigating people	lecture	
Bibliography		
- Gabriel-Virgil Rusu, Elements of criminology, course support, Cluj-Napoca, 2020		
- Andreescu Georgeta, Quality management in Forensic Science, Editura Litteralia, Braşov, 2014		
8.2 Seminars	Teaching methods	Remarks
Introductory seminar	Case study, debate	
A brief history of forensics. Serial criminals and famous criminals from Romania	Case study, debate	
Short legal training	Case study, debate	

Forensic identification by technical-scientific finding and forensic expertise	Case study, debate	
Photography of orientation, sketch, main objects, details, signals and operational surveillance. Photographic plans	Case study, debate	
The importance of crime scene research in discovering different categories of traces	Case study, debate	
Identification based on DNA profile. The technique of searching, picking up and packing biological traces	Case study, debate	
Traces of papillary relief. The technique of searching, detecting papillary marks. Impression of people. AFIS 2000 system.	Case study, debate	
Graphic expertise. Expertise of signatures and writing. Counterfeit counterfeits. Lifting suspicious documents.	Case study, debate	
Classification of firearms. Main and secondary traces made by shooting	Case study, debate	
Spoken portrait. Voice and speech. Polygraph technique	Case study, debate	
Research into the signs, conditions, causes and nature of death. Study and treatment of injuries	Case study, debate	
Dealing. Reconstruction. Recognition of objects and people. Tactics of listening to people	Case study, debate	
Recap		
Bibliography		
- Gabriel-Virgil Rusu, Elements of criminology, course support, Cluj-Napoca, 2020		
- Andreescu Georgeta, Quality management in Forensic Science, Editura Litteralia, Braşov, 2014		

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

<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Acquiring the information related to the course and the compulsory bibliography. 	Written Exam(quiz)	50%
10.5 Seminar	<ul style="list-style-type: none"> debate 	Preparing short essays, participation to debates	50%
10.6 Basic performance standard			
Acquiring theoretical and practical knowledge at the basic level in the field of Forensics and their application to various case studies			
Organizational details, exceptional situation management:			
<ul style="list-style-type: none"> - 			

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