

BACHELOR 'S PROGRAMME  
**FORENSIC SCIENCE**  
 4<sup>TH</sup> YEAR OF STUDY, 2<sup>ND</sup> SEMESTER

COURSE TITLE	FORENSIC SCIENCE
COURSE CODE	DOB.4.2.04
COURSE TYPE	full attendance
COURSE LEVEL	1 <sup>st</sup> cycle (bachelor's degree)
YEAR OF STUDY, SEMESTER	4 <sup>th</sup> year of study, 2 <sup>nd</sup> semester
NUMBER OF ECTS CREDITS	5
NUMBER OF HOURS PER WEEK	3 (2 lecture hours + 1 seminar hours)
NAME OF LECTURE HOLDER	Ancuța Elena FRANT
NAME OF SEMINAR HOLDER	Ancuța Elena FRANT
PREREQUISITES	Advanced level of English
A	GENERAL AND COURSE-SPECIFIC COMPETENCES
	<p><b>General competences:</b></p> <ul style="list-style-type: none"> <li>→ The ability to use Microsoft Office ;</li> <li>→ The ability to use the internet for educational and communication purposes.</li> </ul> <p><b>Course-specific competences:</b></p> <ul style="list-style-type: none"> <li>→ Knowledge of Criminal Law at a basic level;</li> <li>→ Knowledge of Criminal Procedure Law at a basic level;</li> <li>→ Understanding the basic principles of Physics and Chemistry.</li> </ul>
B	LEARNING OUTCOMES
	<ul style="list-style-type: none"> <li>→ Understanding the necessity to use methods and techniques specific to natural sciences in order to establish the truth in a trial;</li> <li>→ Learning to use some traditional and modern techniques used in Forensic Science (taking fingerprints, using the UV light source, using the microscope);</li> <li>→ Learning the procedure of undertaking a forensic expertise.</li> </ul>
C	LECTURE CONTENT
	<p>The lecture is structured according to the components of Forensic Science, namely the technical, tactical, methodological, evolutive and preventive component. It details the specific and the importance of each component in achieving the overall goal of Forensic Science, which is mainly to help the investigators to find out the truth in a trial, mainly a criminal trial. The lecture will emphasize the connection between Forensic Science and natural sciences (Physics, Chemistry, Biology etc.). Also, the preventive effect of Forensic Science will be carefully analysed.</p>
D	RECOMMENDED READING FOR LECTURES
	<ol style="list-style-type: none"> <li>1. GENGE N. E., <i>The Forensic Casebook: The Science of Crime Scene Investigation</i>, The Random House Publishing Group, New York, 2002.</li> <li>2. INNES Brian, <i>Bodies of Evidence</i>, The Reader's Digest Association and Amber Books Ltd, London, 2000.</li> <li>3. JAMES Stuart H., NORDBY Jon J., BELL Suzanne, <i>Forensic Science: An Introduction to Scientific and Investigative Techniques</i>, Taylor and Francis Group, Boca Raton, 2014.</li> <li>4. SIEGEL Jay, <i>Forensic Science: A Beginner's Guide</i>, Oneworld Publications, London, 2013.</li> </ol>
E	SEMINAR CONTENT
	<p>The seminar is structured in order to ensure the proper understanding of the elements presented at the lecture. Also, at the seminar the students are able to practice some standard techniques used in Forensic Science, such as taking fingerprints, using the UV light source or using the microscope. The practical activities are being held in the Forensic Science Laboratory of the Faculty of Law.</p>
F	RECOMMENDED READING FOR SEMINARS
	<p>ERICKSON Elizabeth, <i>Criminalistics: Laboratory Manual. The Basics of Forensic Investigation</i>, Anderson Publishing, Elsevier Inc., Waltham, 2014.</p>
G	EDUCATION STYLE
LEARNING AND TEACHING METHODS	Lecture, debate, practical activities
ASSESSMENT METHODS	Viva Voce (Oral exam)
LANGUAGE OF INSTRUCTION	English