

Subject card

Subject name and code	Forensic Science - auditorium classes, PG_00134197						
Field of study	Criminology and Criminal Justice						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2026/2027		
Education level	undergraduate studies	Subject group			Obligatory subject group in the field of study		
Mode of study	full-time studies	Mode of delivery			at the university		
Year of study	3	Language of instruction			English English		
Semester of study	5	ECTS credits			2.0		
Learning profile	academic	Assessment form					
Conducting unit	Faculty of Law and Administration -> Rektor						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Aneta Lewkowicz				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	10.0	0.0	0.0	0.0	10
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	10		0.0		40.0	50
Subject objectives	Students will learn the practical aspects of the disclosure, preservation, quantitative and qualitative analysis of forensic traces through direct contact with the physical and chemical techniques and methods used in a forensic laboratory						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[CCJL3_WG02] He/she has extended knowledge of the set of elementary facts, simple concepts and the relationship between selected natural and social phenomena in the field of penal sciences	The student names, defines the basic issues in Forensic Science with particular reference to Criminalistics.	[SW2] presentation/project/paper/report
	[CCJL3_KK01] He/she is aware of his/her level of knowledge and skills, as well as understands the need for lifelong learning.	The student is aware of the level of his/her knowledge and skills in the field of Forensic Sciences Sciences), and understands the the need for lifelong learning life.	[SK2] presentation/project/paper/report
	[CCJL3_UW02] He/she can use his/her knowledge in the field of criminology and related scientific disciplines in order to formulate and interpret basic problems related to criminology, as well as the functioning of the national and international judiciary	It selects appropriate methods testing methods commonly used in a forensic laboratory to analyse a forensic trace.	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written
	[CCJL3_UU03] He/she is able to acquire knowledge independently, learn and develop his/her professional skills, using various sources (in the native and foreign language) and modern technologies	Students will be able to acquire independently knowledge and develop it, using a variety of sources, e.g. literature of international.	[SU2] presentation/project/paper/report
	[CCJL3_UW01] He/she can observe and interpret correctly phenomena that appear in the area of etiology and phenomenology of crime, universal for various societies, analyzes their connections with various areas of criminology	The student is able to make observations and appropriate interpretations during scene analysis and forensics.	[SU1] oral statement/conversation/discussion
	[CCJL3_WG04] He/she has fundamental knowledge of various types of social structures and institutions (cultural, political, legal, economic), in particular their essential elements	The student has a basic knowledge of the different structures and institutions of the Forensic Sciences.	[SW1] oral statement/conversation/discussion
	[CCJL3_WG06] The graduate has organized and expanded knowledge of the norms and principles prevailing in structures and institutions related to criminology	The student is able to use the principles and legal norms when working in the field of Forensic Science, e.g. when performing forensic forensic.	[SW2] presentation/project/paper/report
	[CCJL3_UK8] He/she can, in a basic scope, formulate statements using specialized terminology characteristic of criminology and related disciplines, present opinions in this area and discuss them	The student able to formulate statements using the terminology of Forensic Science to a basic extent.	[SU1] oral statement/conversation/discussion
	[CCJL3_WK05] He/she knows the methods and tools, including techniques of obtaining data and information, appropriate in criminology and the related fields	The student characterises basic forensic traces e.g. GSR trace, dactyloscopic trace.	[SW1] oral statement/conversation/discussion
	[CCJL3_UW05] He/she is able to use theoretical knowledge to solve typical problems related to criminology and the functioning of the national and international justice	The student has the ability to analyse and evaluate the consistency of forensic expertise.	[SU2] presentation/project/paper/report
	[CCJL3_KK07] He/she is aware of the need to expand competences and professional qualifications, as well as improves skills, is able to set the directions of his/her own development and education independently	The student is aware of the need to broaden professional competences and qualifications.	[SK1] oral statement/conversation/discussion

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Subject contents	Preparation of a forensic report on the analysis of selected forensic traces: DNA analysis (introduction to the elements of forensic genetics) toxicological analysis (introduction to the elements of forensic toxicology) analysis of metallic particles - GSR (criminalistics) document analysis (criminalistics) friction ridge analysis (criminalistics).												
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Example issues/ example questions/ tasks being completed	Execution of fingerprint analysis on porous and non-porous surfaces.Revealing metallic gunshot residues (GSR).Confirming the authenticity of government documents using methods commonly used in forensic laboratories.
Work placement	Not applicable

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