

Subject card

Subject name and code	New trends in forensics - lecture, PG_00132730						
Field of study	Nowe tendencje w kryminalistyce - wykład						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
Education level	Master's 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	1		Language of instruction		Polish		
Semester of study	2		ECTS credits		2.0		
Learning profile	academic		Assessment form		exam		
Conducting unit	Faculty of Law and Administration -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Aneta Lewkowicz				
	Teachers		dr hab. inż. Aneta Lewkowicz				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	0.0	0.0	30
	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	30		0.0		20.0	50
Subject objectives	Students will be introduced to the genesis of criminalistics, its pioneers and its development over the years. The direction of development of modern criminalistics will be presented. New trends in applied techniques and methods of revealing/analysing forensic traces will be presented, taking into account work at the crime scene - the forensic technician - and in the forensic laboratory - the forensic expert.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[KRYMMU2_KK01] Is aware of the level of his knowledge and skills, and understands the need for lifelong learning		The student is aware of level of knowledge in the application of new techniques, methods of disclosure, analysis of forensic traces in the forensic laboratory and at the crime scene.		[SK1] wypowiedź ustna/rozmowa/diskusja		
	[KRYMMU2_WG05] Has an in-depth knowledge of methods and tools, including data and information extraction techniques, specific to criminology and forensic science		The student has knowledge of techniques, methods, procedures for visualisation, securing traces at the scene of an incident and their analysis by innovative methods in the laboratory, taking into account the principles and legal norms for working with evidence.		[SW4] test/egzamin - ustny lub pisemny [SW1] wypowiedź ustna/rozmowa/diskusja [SW2] prezentacja/projekt/referat/raport [SW5] realizacja zadania problemowego		
	[KRYMMU2_WG03] Has an exhanced knowledge of the subject matter of the regulation of individual branches of law related to the studied major		The student has in-depth and structured knowledge of the scope of legal regulations applicable to specific branches of law, with particular emphasis on areas related to the field of study.		[SW1] wypowiedź ustna/rozmowa/diskusja		
	[KRYMMU2_WG01] Has an in-depth knowledge of the nature of legal and related penal sciences, their place in the system of sciences and their interrelationships		The student has knowledge of legal sciences, related penal sciences.		[SW1] wypowiedź ustna/rozmowa/diskusja		

Subject contents	1 History of Forensic Science.2. The pioneers of Forensic Science.3. The definition, structure, function of Forensic Science. 3.4. The contemporary direction of development of Forensic Science. 4.5. Common techniques, methods procedures used in the forensic laboratory.6. Innovative techniques, methods, procedures of evidence analysis.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	test or oral examination	51.0%	100.0%
Recommended reading	Basic literature	1. Ekspertyza Sądowa, Maria Kała, Dariusz Wilk, Józef Wójcikiewicz, Dariusz Zuba, Wolters Kluwer Polska, 2023, Wydanie 4. 2. Forensic Science, Pass Allan D., Embar-Seddon, Ayn, 2015, Second, Salem Press, A division of Ebsco Information Services Ipswich, Massachusetts, Grey House Publishing. 3. Fundamentals of Forensic Sciences, Max M. Houck, Jay A. Siegel, 2006, Elsevier Academic Press.	
	Supplementary literature	1. MIKROŚLADY I ICH ZNACZENIE W POSTĘPOWANIU PRZYGOTOWAWCZYM I SĄDOWYM Pod redakcją Janiny ZiębyPalus, Wydawnictwo Instytutu Ekspertyz Sądowych Kraków 2015.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	DNA analysis, dactyloscopy- personal identification- common and new methods, procedures in forensic science.		
Work placement	Not applicable		

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