University of Gdańsk

Subject card

Subject name and code	Cybercrime and cybersecurity - auditorium classes, PG_00132849						
Field of study	Criminology						
Date of commencement of studies	October 2026		Academic year of realisation of subject	2027/2028			
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	2		Language of instruction	Polish			
Semester of study	3		ECTS credits	1.0			
Learning profile	academic		Assessment form	credit			
Conducting unit	Department of Legal Informatics -> Faculty of Law and Administration -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		mgr Patryk Ciurak				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	15.0	0.0	0.0	0.0	15
	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	15		0.0		10.0	25
Subject objectives	Students learn about the legal, procedural and technical aspects of crimes related to information technology and become familiar with the basic principles and mechanisms of information systems security information systems, as well as the legal norms governing the use of computers etc. and information and communication networks.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[KRYMMU2_UW02] Is able to acquire knowledge and develop professional skills independently, using a variety of sources (native and foreign language) and modern technologies	The student is familiar with the dangers of using computers and IT networks, the principles of IT systems security management, the dangers of loss of privacy, the principles of intellectual property protection and the basics of patent and copyright law.	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written [SU5] implementation of a problem task [SU8] observation of student's independent or team work
[KRYMMU2_UW05] Has the ability to independently propose solutions to a specific problem and carry out a procedure to reach a decision on it	The student is familiar with the dangers of using computers and IT networks, the principles of IT systems security management, the dangers of loss of privacy, the principles of intellectual property protection and the basics of patent and copyright law.	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written [SU5] implementation of a problem task [SU8] observation of student's independent or team work
[KRYMMU2_K05] Is able to independently and critically complement knowledge and skills, extended by the interdisciplinary dimension	The student does not abuse information systems by violating other people's privacy, do not commit criminal or unethical acts related to the use of computers and information networks, do not use software to which they have not acquired rights.	[SK1] oral statement/conversation/ discussion [SK4] test/exam - oral or written [SK5] implementation of a problem task [SK8] observation of student's independent or team work
[KRYMMU2_UW01] I able to apply theoretical knowledge of criminology and related disciplines to analyse and interpret problems in criminology in a broad sense	The student is familiar with the dangers of using computers and IT networks, the principles of IT systems security management, the dangers of loss of privacy, the principles of intellectual property protection and the basics of patent and copyright law.	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written [SU5] implementation of a problem task [SU8] observation of student's independent or team work

Subject contents

Cyber-hygiene and accountability of online activities
Identity theft
Spoofing
Phishing
Man-in-the-Middle
HTML/SQL Injection, formjacking
Botnet, DDoS
Disinformation, Fake News
Social engineering
OSINT
Risk analysis

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
test	51.0%	100.0%

Recommended reading

Basic literature

J. Kosiński, Paradygmaty cyberprzestępczości, Difin, Warszawa 2015

C.Banasiński, M.Rojszczak, Cyberbezpieczeństwo wyd. 2, WoltersKluwer, Warszawa 2023

Wprowadzenie do bezpieczeństwa IT, t. 1, red. M. Sajdak, Securitum (Kraków) 2024

Wprowadzenie do bezpieczeństwa IT, t. 2, red. M. Sajdak, Securitum (Kraków) 2025

	Supplementary literature	K. Chałubińska-Jentkiewicz, F. Radoniewicz, T. Zieliński. Cybersecurity in Poland: legal aspects. Springer 2021 M. Sajdak (red.), Wprowadzenie do bezpieczeństwa IT. Tom 1, Securitum 2023 D.Lisiak-Felicka, M.Szmit, Cyberbezpieczeństwo administracji publicznej w Polsce. Wybrane zagadnienia, IASF, Kraków 2016, ss. 222; https://www.netcomplex.pl/blog/wp-content/uploads/2016/04/Cyberbezpieczenstwo_Lisiak_Felicka__Szmit.pdf D.Siemieniecka, M.Skibińska, K.Majewska, Cyberagresja zjawisko, skutki, zapobieganie, UMK 2020, ss. 198; https://wydawnictwo.umk.pl/pl/products/5275/cyberagresja-zjawisko-skutki-zapobieganie M.Szmit, Wybrane zagadnienia opiniowania sądowo-informatycznego, Wyd. II, PTI, Warszawa 2014; ss. 238; https://historiainformatyki.pl/historia/dokument.php?nonav=&nrar=6&nrzesp=6&sygn=V%2F1%2F7&handle=1&folder=1 J.Wasilewski, Cyberprzestępczość wybrane aspekty prawnokarne oraz kryminalistyczne, Uniw. w Białymstoku, Białystok 2018, ss. 429; https://repozytorium.uwb.edu.pl/jspui/bitstream/11320/6538/1/J_Wasilewski_Cyberprzestepczosc.pdf Białas Andrzej, *Bezpieczeństwo informacji i usług w nowoczesnej instytucji i firmie*, WNT 2007 PN-I-13335:1999, Wytyczne do zarządzania bezpieczeństwem systemów informatycznych F.Wołowski, J.Zawiła-Niedźwiecki, *Bezpieczeństwo systemów informacyjnych*, edu-Libri, Warszawa 2012
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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