

Subject card

Subject name and code	Risk management - lecture, PG_00134052						
Field of study	Criminology						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	part-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		1.0		
Learning profile	academic		Assessment form		exam		
Conducting unit	Faculty of Law and Administration -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Karol Śledzik				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	10.0	0.0	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		15.0	25
Subject objectives	Students will learn about contemporary concepts of understanding and defining risk and risk management. Understanding risk assessment methods, including using probability interpretations appropriate in given circumstances. Acquiring skills in assessing sources of information needed to apply quantitative and qualitative methods of risk assessment, including multivariate analysis techniques.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
Subject contents	1. The concept of risk and concepts of its understanding and modeling. Characteristics of situations of uncertainty and threat, risk in everyday life and typical ways of estimating and communicating it. Variability, uncertainty, incomplete knowledge, lack of knowledge, "black swans". Asymmetry of information and moral hazard (temptation to abuse). Risk factors. Risk as a function of the probabilities of events and the consequences of these events. Basic interpretations of probability and their usefulness in risk analysis. 2. Stages and characteristics of the risk management process. Risk management as an important sphere of management of each organization. Characteristics of the main stages of the risk management process. The importance of knowledge in effective risk management. Methods of response to risk. Risk of crime (using the example of insurance crime). 3. Qualitative and quantitative methods in risk assessment A concise description of qualitative methods, including the AFD (Anticipatory Failure Determination) method. Semi-quantitative methods and the importance of signals and warnings in risk identification and measurement. Statistical methods of risk assessment, including inference based on incomplete information. 4. Examples of applications of multidimensional statistical models in risk identification and prediction. Actuarial (statistical) criminology - diagnostic and prognostic tools for assessing the risk of repeat crime. Detection of abuse, fraud and swindles (fraud detection models). Economic models of crime.						
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	1) Aven T., Risk, Surprises and Black Swans. Fundamental ideas and concepts in risk assessment and risk management. Routledge, 2014. 2) Jajuga K., Zarządzanie ryzykiem, PWN, 2018. 3) Beck U., Społeczeństwo ryzyka. W drodze do innej nowoczesności, Wydawnictwo Naukowe Scholar, 2002. 4) Wójcik D., Stosowanie w postępowaniu karnym narzędzi diagnostyczno-prognostycznych służących oszacowaniu ryzyka powrotności do przestępstwa, Instytut Wymiaru Sprawiedliwości, Warszawa 2012	
	Supplementary literature	1. Zalewski W. (red.), Pojęcie ryzyka a przestępczość ubezpieczeniowa, Wydawnictwo Arche, 2018. 2. Szreder M., Probabilistyczne aspekty zarządzania ryzykiem, Problemy Zarządzania. vol. 13, nr 3 (55) t. 2, 2015 r., s. 47-55. 3. Szreder M., Zrozumieć świat liczb, Wydawnictwo Uniwersytetu Gdańskiego, 2019. 4. Taleb N.N., Czarny łabędź. O skutkach nieprzewidywalnych zdarzeń, Wydawnictwo Kurhaus, 2017. 5. Jackowska B., Jurkiewicz T., Wycinka E. (2014), Rozdział: Ryzyko ubezpieczeniowe w działalności podmiotów sektora MSP; ocena zagrożenia a stopień zabezpieczenia, w: Problemy współczesnego rynku ubezpieczeń, Wydawnictwo Uniwersytetu Ekonomicznego w Poznaniu, strony 15-25 6. Kądziołka K., Modele ekonomiczne w analizie zjawiska przestępczości, Studia Ekonomiczne 2014 nr 206, strony 46-60	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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