

**Subject card**

<b>Subject name and code</b>	IT Audit in Business, PG_00133437						
<b>Field of study</b>	Informatics and Econometrics						
<b>Date of commencement of studies</b>	October 2023	<b>Academic year of realisation of subject</b>			2024/2025		
<b>Education level</b>	Master's studies	<b>Subject group</b>			Obligatory subject group in the field of study		
<b>Mode of study</b>	part-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	2	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	4	<b>ECTS credits</b>			2.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			exam		
<b>Conducting unit</b>	Faculty of Management -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr inż. Przemysław Jatkiewicz				
	<b>Teachers</b>		dr inż. Przemysław Jatkiewicz				
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	9.0	0.0	0.0	0.0	0.0	9
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	9		0.0		0.0	9
<b>Subject objectives</b>	To familiarise students with the principles of IT audits To prepare students to independently prepare an audit plan To prepare students to independently carry out an audit						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[liEMU2_U02] The student is able to proficiently acquire detailed information about economic processes and phenomena through direct observation, planned experimentation or database queries, as well as collect and process it using modern information technology tools.	Be able to plan and carry out an IT audit Be able to formulate and interpret post-audit recommendations	[SU4] test/exam - oral or written
	[liEMU2_K02] The student can communicate freely with the public on specialised topics in the field of computer science and econometrics in and outside the workplace, communicate his knowledge and share his skills through various media. Culturally participates in discussions, is not afraid to ask questions and knows how to give constructive criticism.	Deepens its knowledge of work organisation in IT companies Collaborates with a wide range of people to obtain and jointly develop the information necessary to carry out audit work Has the ability to be assertive Promotes work principles in his/her environment in compliance with regulations and standards Is aware of the ethical aspects of audit work	[SK4] test/exam - oral or written
[liEMU2_W04] The student has an in-depth knowledge of advanced mathematical, statistical, econometric and IT methods that enable the acquisition, processing and analysis of data reflecting the functioning and growth of the national economy and its components, as well as the phenomena and processes occurring in their environment.	Is familiar with methods of identifying and classifying assets and processes Is familiar with standards and regulations concerning IT audits Is familiar with the principles of audit planning and implementation	[SW4] test/exam - oral or written	
Subject contents	<p>Overview of IT related standards including ISO 19011, ISO/IEC 20000, ISO/IEC 27000 series, Overview of known audit methodologies Audit planning and preparation Conducting the audit Post-audit activities Audit support tools</p>		
Prerequisites and co-requisites	Risk analysis		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		35.0%	100.0%
Recommended reading	Basic literature	Molski M., Łacheta M., Przewodnik audytora systemów informatycznych, Helion 2006	
		Normy PN-EN ISO 19011, PN-EN ISO 20000	
	Supplementary literature	Polczek T., Audyt bezpieczeństwa informacji w praktyce, Helion 2006	
	eResources addresses		
Example issues/ example questions/ tasks being completed	<p>The assessment of the auditee's activities made on the basis of the established facts, applying the adopted audit criteria is: 1. Control 2. Audit 3. Test 4. Checking</p>		
Work placement	Not applicable		

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