



## Subject card

Subject name and code	Knowledge management, PG_00045362						
Field of study	Data Engineering						
Date of commencement of studies	October 2021	Academic year of realisation of subject			2022/2023		
Education level	first-cycle studies	Subject group			Obligatory subject group in the field of study Subject group related to scientific research 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			3.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Management -> Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Franciszek Kutrzeba				
	Teachers		dr Franciszek Kutrzeba				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	15.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
Knowledge Management (FK) - Moodle ID: 26259 <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=26259">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=26259</a>							
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		3.0		42.0	75
Subject objectives	1. The understanding of the knowledge management process for organizations.2. The presentation of the current theoretical knowledge of the field.3. The presentation of key challenges related to knowledge management and best-known practices.4. The open-minded attitude creation towards a wide range of standard and non-standard sources of knowledge with an emphasis on the ability to identify knowledge sources, knowledge transfer and knowledge usage.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_W10] has basic knowledge of entities functioning in economy and relations existing between them.n knows general principles of creating and developing individual entrepreneurship using knowledge from the area of science and scientific disciplines relevant to their field of study	Students are familiar with the current theory of the field.The student is able to identify the internal and the external knowledge sources. The student understands their meaning.			[SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation		
	[K6_U07] can describe and interpret fundamental economic concepts and phenomena.	The student is able to solve problems faced by contemporary organizations based on internal and external sources of knowledge.			[SU1] Assessment of task fulfillment [SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU5] Assessment of ability to present the results of task		
	[K6_K01] is aware of quickly changing trends and the resulting need for further education and self-improvement in the area of the performed profession of an engineer with IT and economic-financial skills.	The student understands the knowledge management process essence for organizations.			[SK5] Assessment of ability to solve problems that arise in practice		

Subject contents	1. Knowledge 2. Knowledge Management 3. Intellectual Capital & Knowledge Strategy 4. Knowledge Management: history 5. Tacit Knowledge & Innovation 6. Knowledge Workers 7. Knowledge Risks 8. Threats to Knowledge Culture 9. Knowledge & Intelligence 10. Knowledge & Change Management 11. Learning Organizations 12. Learning from mistakes 13. Cognition and the Unconscious mind 14. Skills and competence mismatch 15. Knowledge Economics		
Prerequisites and co-requisites	Essentials of Management.  Essentials of Marketing.  Essentials of Economics.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Exam	51.0%	50.0%
	Exercises	51.0%	50.0%
Recommended reading	Basic literature	<p>Nonaka, I., &amp; Takeuchi, H. (1995), The Knowledge-Creating Company, Oxford University Press.</p> <p>Erickson, S., &amp; Rothberg, H.N. (2008), From Knowledge to Intelligence, Elsevier.</p> <p>Massingham. P. (2016), Knowledge Management, Sage.</p> <p>Morabito, J. et al. (2015), Designing Knowledge Organizations, Wiley.</p> <p>Voehl, F, Harrington, H.J. (2015), Change Management. C.R.C. Press.</p> <p>Bedford, D, Kucharska, W. (2020) Relating Information Culture to Information Policies and management Strategies, IGI Global.</p>	
	Supplementary literature	Milton, T., & Young, N. (2011), Knowledge Management for Sales and Marketing, Chandos Publishing	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		