



Subject card

Subject name and code	NETWORK ECONOMIES AND INNOVATION POLICIES, PG_00060702						
Field of study	Economic Analytics						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2024/2025		
Education level	second-cycle studies	Subject group			Optional subject group 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	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			3.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Management Engineering and Quality -> Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Anna Lis					
	Teachers	mgr Alina Guzik dr hab. inż. Anna Lis					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	30.0	0.0	0.0	0.0	45
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	45	4.0		26.0		75
Subject objectives	Explaining concepts related to the development of inter-organizational cooperation, especially in the area of innovation.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_U02] Presents logical and well-founded arguments regarding obtained results through the analysis and synthesis of information in various business contexts, critically evaluating their interpretation		Presents logical and solid arguments on the results obtained, by analyzing and synthesizing information on network linkages and innovation policy.		[SU3] Assessment of ability to use knowledge gained from the subject		
[K7_W02] Understands the significance and interrelationships of key components describing economic processes, drawing on in-depth knowledge aligned with major developmental trends in scientific disciplines related to the field of economic analytics.		Knows and understands the importance and interdependence of key components describing economic processes, based on in-depth knowledge in the field of economy networks, innovation policy and regional development concepts based on knowledge and innovation		[SW1] Assessment of factual knowledge			
Subject contents	Introduction; General theory of innovation; Models of innovation; Innovation process and diffusion of innovation; Networks in the economy; Clusters as an example of innovation networks; Cluster initiatives; Instruments of innovation policy; Innovation centers, technology transfer centers; Science and technology parks and business incubators						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Reports		60.0%		50.0%		
	Knowledge tests		60.0%		50.0%		

Recommended reading	Basic literature	Bramoullé, Yann, Andrea Galeotti, and Brian Rogers, eds. The Oxford handbook of the economics of networks. Oxford University Press, 2016 Marshall, Alfred. Principles of economics: unabridged eighth edition. Cosimo, Inc., 2009 Porter, M.E., On Competition. Harvard Business Press, 2008 Rogers, Everett M. Diffusion of innovations. Simon and Schuster, 2010 Sundbo, Jon. The theory of innovation: entrepreneurs, technology and strategy. Edward Elgar Publishing, 1998
	Supplementary literature	Adner R., Kapoor R. (2010). Value creation in innovation ecosystems: How the structure of technological interdependence affects firm performance in new technology generations. Strategic Management Journal, 31(3), 306-333 Autio E., Thomas L.D.W. (2014). Innovation ecosystems: Implications for innovation management? W: M. Dodgson, D. Gann, N. Phillips (red.). The Oxford Handbook of Innovation Management (s. 204-228). Oxford, UK: Oxford University Press Bogers M. (2011). The open innovation paradox: knowledge sharing and protection in R&D collaborations. European Journal of Innovation Management, 14(1), 93-117 Chesbrough, H., & Bogers, M. (2014). Explicating Open Innovation: Clarifying an Emerging Paradigm for Understanding Innovation. In: Chesbrough H., Vanhaverbeke W., & West J. (Eds.). Open Innovation: New Frontiers and Applications. Oxford: Oxford University Press
	eResources addresses	Adresy na platformie eNauczenie: Gospodarki sieciowe i polityka innowacji - Moodle ID: 43953 https://enauczenie.pg.edu.pl/moodle/course/view.php?id=43953
Example issues/ example questions/ tasks being completed	Stages of creating a cluster initiative	
Work placement	Not applicable	

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