

Subject card

Subject name and code	Innovation Management, PG_00155464						
Field of study	Management						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2024/2025		
Education level	postgraduate 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	1		Language of instruction		English		
Semester of study	2		ECTS credits		4.0		
Learning profile	academic		Assessment form				
Conducting unit	Katedra Organizacji i Zarządzania -> Faculty of Management						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Emilia Dobrowolska				
	Teachers						
Lesson types	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						
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		21.0		49.0	100
Subject objectives	The aim of the course is to familiarize students with the essence and concepts concerning the innovation process, the role of innovations in firms competitiveness, its impact on the overall economic growth, and the specific issues connected with the management of innovation processes.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[ZARZMU2_K05] The student is ready to make an in-depth assessment of phenomena and justify his position through rational, logical and entrepreneurial use of knowledge - basing his assertions and decisions on an in-depth analysis of the information he receives.	Student is ready to make an in-depth assessment of phenomena and clearly justify his position through a rational, logical and enterprising way of using knowledge. This allows him/her to identify important problems connected with innovativeness and plan solutions to them.	[SK2] presentation/project/paper/report [SK4] test/exam - oral or written
	[ZARZMU2_U07] The student can search for detailed information to make rational and complex decisions of an operational and strategic nature in enterprises.	Student can search for detailed information in the process of making rational and complex decisions especially those that concern firm's innovation strategy.	[SU2] presentation/project/paper/report
	[ZARZMU2_U08] The student correctly uses complex terminology in the field of social sciences, especially in the discipline of management and quality studies, clearly and communicatively expresses his point of view.	Student uses complex terminology in the field of social sciences, especially in the field of innovation management and expresses his/her point of view clearly.	[SU2] presentation/project/paper/report [SU4] test/exam - oral or written
	[ZARZMU2_W02] The student has an expanded knowledge of the relationship between the disciplines of the social sciences crucial to understanding the essence of economic processes.	Student is aware of multidisciplinary character social sciences especially issues that concern innovation management process. Moreover student knows new trends in innovation like open innovation concept and notices relations between firm innovativeness and economic growth.	[SW4] test/exam - oral or written
	[ZARZMU2_W08] The student has in-depth knowledge of enterprise and entrepreneurship, determinants shaping the effectiveness of economic activity with regional and international aspects.	Student has extended knowledge on innovation process and is aware that innovation is a source of firms', regions' and nations' competitiveness.	[SW4] test/exam - oral or written
	[ZARZMU2_K02] The student is aware of the need to supplement and expand the acquired knowledge and skills and strives to combine knowledge from different fields and disciplines of science interdisciplinarily. The student can inspire others to learn.	Student can complement and extend the knowledge and skills acquired by combining interdisciplinary knowledge especially from innovation management field. Moreover student due to clear expression of his/her opinions inspires others to work in teams.	[SK2] presentation/project/paper/report
Subject contents	1. Innovation basic concepts and definitions: types of innovations, sources of innovation, types of innovation expenditures. 2. The concept of the innovation system, innovation theory, and models. 3. Innovation as the source of firms, regions and nations competitiveness empirical evidence. 4. Clusters as forms of firms co-opetition boosting innovation, specific features of innovation processes in branches of different technology levels 5. Innovation infrastructure and policy science and technology parks, technology incubators, technology transfer centers, seed/venture capital,funds, regional innovation strategies,patents, and intellectual property rights, 7th Framework program of The EU, and other innovation grants. 6. Innovation strategy for firms: market analysis, determinants of the strategy, technology prognosis methods. 7. Management of an innovation project: planning of the project, structure of the project team, role of the project manager, communication with the rest of the organization, parallel development. 8. New trends in innovation: open innovation, design thinking, market-driven innovation, eco-innovations, innovations in services.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	exam	51.0%	50.0%
	project	51.0%	50.0%

Recommended reading	Basic literature	1. Tavares R., Avila-Merino A. (2008) Technology Management - Training Manual, ICS-UNIDO, Wien, http://www.ics.trieste.it/ics-activities/ics-publications/archive/book-technology-management-2008.aspx 2. OECD (2018) Oslo Manual, https://www.oecd-ilibrary.org/docserver/9789264304604-en.pdf?expires=1579377493&id=id&accname=guest&checksum=4698A4E1 3. Dodgson M., Gann D.M (ed.) (2013) The Oxford Handbook of Innovation Management (Oxford Handbooks) 4. Bessant J, Tidd J.(2015), Innovation and Entrepreneurship, Wiley 5. Trott P. (2017), Innovation Management and New Product Development, Pearson Education.
	Supplementary literature	1. Wojnicka E., Brodzicki T., Szultka S.(2005) Poland w Business Clusters: Promoting Enterprise in Central and Eastern Europe, OECD, Paris ; http://www.unescap.org/tid/artnet/mtg/gmscb_businessclusters.pdf 2. Wojnicka E. The Policy of Innovation System Support in the Time of Integration with the EU, The Polish Foreign Affairs Digest No 2 (11)/ 2004 3. Wojnicka-Sycz E., Kaczyński M., Sycz P. Innovative Ecosystems behind Regional Smart Specializations: The Role of Social, Cognitive and Geographical Proximity, Journal of Entrepreneurship Management and Innovation, in press 2020. 4. Wojnicka-Sycz E., Sycz P., Public Innovation Policy and Other Determinants of Innovativeness in Poland; The Innovation Journal: The Public Sector Innovation Journal 21(2); No 3/2016. 5. Wojnicka-Sycz E., Sycz P., Walentynowicz P., Waśniewski J., Internal determinants of firms innovativeness, Operations Research and Decisions, 28(4):83-97, 2018. 6. Wojnicka-Sycz E., The Successful Transition to a Knowledge-Based Development Path of a Less-Developed Region. Growth and Change, vol 49., Iss. 3, September 2018. 7. Europe Innovation portal: https://ec.europa.eu/growth/industry/policy/innovation_en
	eResources addresses	Adresy na platformie eNauczenie:
Example issues/ example questions/ tasks being completed	1. What are the characteristic features of different generations of innovation process models? 2. What are the assumptions of open innovation model and closed innovation model? 3. What kind of categories of innovation strategies can be distinguished?	
Work placement	Not applicable	

Document generated electronically. Does not require a seal or signature.