

Subject card

Subject name and code	Introduction to Innovation, PG_00035843						
Field of study	Economics						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2025/2026		
Education level	Bachelor's studies	Subject group			Obligatory subject group in the field of study Optional subject group		
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			2.0		
Learning profile	academic	Assessment form			exam		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Małgorzata Ławreszuk				
	Teachers		dr Małgorzata Ławreszuk				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	16.0	0.0	0.0	0.0	0.0	16
	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	16		0.0		0.0	16
Subject objectives	Acquiring knowledge in the basic areas of economic innovation, including enterprise innovation and the economics of innovation.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[EKONL3_K01] recognises the importance of economic knowledge in identifying and solving economic problems and of consulting experts when difficulties in solving them independently	recognizes the importance of knowledge about innovation in the process of identifying and solving innovative problems, and seeks expert opinions when facing difficulties in solving them independently.	[SK4] test/exam - oral or written [SK8] observation of student's independent or team work
	[EKONL3_K02] is aware of the level of knowledge in the field of economics and understands the need to deepen and update this knowledge throughout life	is aware of their level of knowledge in the field of innovation, understands the need for continuous deepening and updating of this knowledge throughout life.	[SK4] test/exam - oral or written [SK8] observation of student's independent or team work
	[EKONL3_K04] is willing to think and act in an entrepreneurial manner; adapts to new situations and conditions, takes on the challenges of creative thinking, is resilient in the face of failure, is able to identify risks and assess the risks of failure	is ready for innovative thinking and action; adapts to changing conditions and situations, takes on challenges related to creative approaches to innovation, is resilient to failures, can identify threats, and assesses the risk of their occurrence.	[SK1] oral statement/conversation/discussion [SK4] test/exam - oral or written [SK8] observation of student's independent or team work
	[EKONL3_U08] has the ability to observe, understand and analyse economic and social phenomena and processes using appropriate scientific methods	can observe, understand, and analyze innovative phenomena and processes using appropriate scientific methods	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written [SU8] observation of student's independent or team work
	[EKONL3_U03] is able to analyse the causes and course of specific economic and social processes and phenomena, and accurately analyse these phenomena using adequate methods and tools economic and social	can analyze the causes and course of specific innovative processes and phenomena, accurately analyzing them using appropriate economic and social methods and tools.	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written [SU8] observation of student's independent or team work
	[EKONL3_U01] can correctly interpret economic and social phenomena and apply knowledge of economics, finance and management sciences to explain economic phenomena	can correctly interpret innovative economic and social phenomena and apply knowledge of innovation to explain them.	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written [SU8] observation of student's independent or team work
	[EKONL3_W01] has in-depth knowledge of the nature of social sciences, their place in the system of sciences, knows the role of economic sciences in this system and uses universal economic terminology	has advanced knowledge in the field of social sciences, understands their place in the scientific system, the role of economic sciences in the context of innovation, and uses universal economic terminology.	[SW4] test/exam - oral or written
	[EKONL3_W02] has advanced knowledge of the different types of existing business entities and organisations and public institutions	has advanced knowledge of various types of existing economic entities, organizations, and public institutions that are crucial for innovation.	[SW4] test/exam - oral or written
	[EKONL3_W08] has advanced knowledge of the processes of changing elements, enterprises and whole structures of economic organisations, as well as the processes of changing social institutions, knows what their causes, course, scale, consequences are and what the influence of external stakeholders is on them	has knowledge of processes of changing elements, enterprises, and organizational structures in the context of innovation, as well as changes in social institutions; understands their causes, course, scale, consequences, and the impact of external stakeholders.	[SW4] test/exam - oral or written
	[EKONL3_W10] knows at an advanced level and understands the basic concepts and principles of industrial property, intellectual property and copyright law	knows and understands the basic concepts and principles of intellectual property protection and copyright law in the context of innovation.	[SW4] test/exam - oral or written
Subject contents	1. Introduction to the concept of innovation and its importance for economic development.2. The concept of innovation in the context of the development of economic systems.3. Key determinants of innovation: education, research and development, public policy, innovation culture, human and social capital.4. The relationship between innovation and economic growth.5. Examples of countries that focus on innovation as the main source of economic growth.6. Analysis of innovative sectors of the economy, such as the technology sector, biotechnology, the innovation services sector, etc.7. Methods of measuring innovation and their usefulness for assessing economic systems.8. Factors that affect the acceleration of innovation processes and the development of innovation systems, such as financing, technology transfer and intersectoral cooperation.9. Innovation policy and its impact on the development of innovation systems.10. Challenges and opportunities for the development of innovation today, such as globalization, digitalization, sustainable development and poverty. 11. Prospects for the future of innovation and its role in the economic system.		

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	attendance	60.0%	40.0%
	exam	60.0%	60.0%
Recommended reading	Basic literature	Swann, GM Peter. The economics of innovation: An introduction. Edward Elgar Publishing, 2014	
		Brodzicki, T. (2016). Innovation intensity as a driver of firms internationalization intensity: evidence for Poland. <i>Ekonomia. Rynek, Gospodarka, Społeczeństwo</i> , (46), 11-43.	
		Brodzicki, T., & Golejewska, A. (2019). Firms innovation performance and the role of the metropolitan location. Evidence from the European periphery. <i>Entrepreneurship & Regional Development</i> , 31(9-10), 908-929.	
	Supplementary literature	Brodzicki, T. (2019). The intensity of market competition and the innovative performance of firms. <i>Innovation</i> , 21(2), 336-358.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	What is innovation? What are the basic types and kinds of innovation? How should different aspects of innovation be described and classified? What are the incentives to innovate? How should firms organize themselves to promote innovation? What are the effects of innovation on the economy? Do governments play a role in supporting and guiding innovation? What is a government's innovation policy? What are national, regional, or sectoral innovation systems?		
Work placement	Not applicable		

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