University of Gdańsk

Subject card

Subject name and code	Investments in Innovation, PG_00156607		
Field of study	Informatics and Econometrics		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2024/2025
Education level	Master's 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	part-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish
Semester of study	1	ECTS credits	2.0
Learning profile	academic	Assessment form	credit
Conducting unit			
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Aleksandra Koszarek-Cyra	
	Teachers	dr inż. Aleksandra Koszarek-Cyra	

Lesson types							
	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	9.0	0.0	0.0	0.0	0.0	9
	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	9	10.0	35.0	54

Subject objectives	The aim of the course is to familiarise students with the specifics of investment in research and development activities and the implementation of innovations.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[IiEMU2_K01] The student understands the need for continuous completion and deepening of acquired knowledge. The student inspires and organizes others' learning processes.	Understands the need for continuous learning and deepening of acquired knowledge, especially in the field of innovation. Inspires and organizes the learning process of others, supporting the development of skills necessary for implementing innovative solutions.	[SK1] oral statement/conversation/ discussion
[IiEMU2_U04] The student is able to plan, design, and program information systems at an advanced level, supporting the operation of business entities.	Can design information systems to support business innovation.	[SU2] presentation/project/paper/ report
[IiEMU2_K04] The student can work in a team, co-create it, effectively manage and supervise it; efficiently adapts his behavior and conduct to his role in it; is ready to take responsibility for the team and bear the consequences; understands the necessity of systematicity and consistency in action; is open to other team members and critical of himself.	Is able to work in a team, co-create it, manage it effectively, and supervise its activities in process of implementing innovative projects.	[SK2] presentation/project/paper/ report
[IiEMU2_W01] The student has an in-depth knowledge of the place of social sciences in the system of sciences, their nature, methodology and connections with other sciences.	Understands the role of social sciences in innovation implementation.	[SW1] oral statement/ conversation/discussion
[IiEMU2_U07] The student is able to build advanced formal models of complex economic phenomena and processes, estimate them, carry out their verification and apply them to modeling, forecasting and optimization of resources of economic institutions of varying degrees of complexity, their structure and the course of processes in them.	Can build and apply economic models for resource optimization in the context of innovation investments.	[SU2] presentation/project/paper/ report
[IiEMU2_W02] The student has an in-depth knowledge of economic structures and institutions, the processes taking place in them, the connections between them and their dynamics, and has an in-depth knowledge of the phenomena and processes taking place in their environment.	Has knowledge of economic structures, processes, and their environments, focusing on innovation.	[SW2] presentation/project/paper/ report
[IiEMU2_W06] The student is familiar with advanced methods of assessing the effectiveness of business operations.	Knows and applies methods to assess the effectiveness of innovation investments.	[SW2] presentation/project/paper/ report

Subject contents

1. Concept and classification of innovations
2. Characteristics and importance of innovative activity of enterprises
3. Sources and risks of innovations
4. Financing innovations in Poland
5. Intellectual property managemen
6. tEco-innovations as a specific type of innovation

Prerequisites and co-requisites

according to the study regulations

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
final project	51.0%	100.0%

Recommended reading	Basic literature	1) Podręcznik Oslo. Zasady gromadzenia i interpretacji danych dotyczących innowacji, OECD, 2018 2) USTAWA z dnia 4 lutego 1994 r., o prawie autorskim i prawach pokrewnych (Dz.U.2021.1062 ze zm.) 3) PARP. Monitoring innowacyjności polskich przedsiębiorstw Raport, 2020 4) P. Drucker, Innowacje i przedsiębiorczość, PWE, 1992 5) K. Janasz, Kapitał w finansowaniu działalności innowacyjnej przedsiębiorstw w Polsce. Źródła i modele, Difin, 2010
	Supplementary literature	https://european-union.europa.eu/priorities-and-actions/actions-topic/research-and-innovation_en
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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