



Subject card

Subject name and code	Management of Programs and Innovative Projects, PG_00038019						
Field of study	Management, Management						
Date of commencement of studies	October 2022	Academic year of realisation of subject			2022/2023		
Education level	second-cycle studies	Subject group			Optional subject group Subject group related to scientific research in the field of study		
Mode of study	Part-time studies	Mode of delivery			blended-learning		
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	Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Marek Wirkus					
	Teachers	dr hab. inż. Marek Wirkus					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	8.0	16.0	0.0	0.0	0.0	24
	E-learning hours included: 21.0						
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	24		6.0		45.0	75
Subject objectives	Understanding the basic principles of the preparation and implementation of programs and projects with a focus on the specifics of innovative projects. The acquisition of management skills programs and projects with a focus on the specifics of innovative projects, including the ability to plan and control projects.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_U02] analyses complex economic processes and phenomena using selected methods and techniques for analysing socio-economic data, and formulates their own opinions and conclusions concerning these processes and phenomena	Student will be able to apply the methods, tools and techniques for managing the implementation of an innovative project, assess the risk of the activities carried out in the project			[SU4] Assessment of ability to use methods and tools		
	[K7_U10] uses appropriate methods and techniques to support the decision-making process to solve problems occurring in livestock units	The student will be able to use methods and techniques to assist decision-making process to solve the problems involved in the implementation of an innovative project			[SU4] Assessment of ability to use methods and tools		
	[K7_W02] has an in-depth knowledge of classical and modern management concepts and their application in the management of modern organizations of various types	The student will have in-depth knowledge of the innovative project management methods and the risks involved			[SW1] Assessment of factual knowledge		
	[K7_W09] has an in-depth knowledge allowing for analysing, diagnosing and solving problems arising in organisations and its particular areas of activity as well as methods of estimating value, market and strategic potential	The student will have in-depth knowledge in order to analyze, diagnose and resolve problems arising from the different areas of the program and an innovative project in any industry			[SW3] Assessment of knowledge contained in written work and projects		

Subject contents	<p>LECTURE:</p> <p>1. Project, program and management of projects, programs - ways of achieving goals, definitions, characteristics, types, Objectives and criteria for evaluating the course of the project 2. Innovations - the essence of innovation, sources of innovation, the process of innovation, innovation by design 3. Initiating an innovative project - establishing a project strategy (feasibility and business justification, project card) 4. Planning the implementation of an innovative project (stakeholders, activities, implementation schedule) 5. Project cost estimation - cost budgeting 6. Risk of an innovative project - identification, response to risk</p> <p>exercises 9. Assessment of the feasibility of an innovative project. Assessment of options for projects. 10. Charter innovative project 11. Determining the structure of the innovation project. WBS method. 12. Resource planning and project deadlines. PERT method. 13. Estimating costs and budgeting of the project. Budgeting project. Raising funds for the implementation of an innovative project 14. The risk analysis projects, the impact assessment of events. 15. The organization of the project team. The tasks of the project manager.</p>														
Prerequisites and co-requisites	innovation management														
Assessment methods and criteria	<table border="1"> <thead> <tr> <th data-bbox="456 927 794 949">Subject passing criteria</th> <th data-bbox="799 927 1137 949">Passing threshold</th> <th data-bbox="1142 927 1481 949">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="456 956 794 978">project</td> <td data-bbox="799 956 1137 978">60.0%</td> <td data-bbox="1142 956 1481 978">50.0%</td> </tr> <tr> <td data-bbox="456 985 794 1008">attendance at lectures</td> <td data-bbox="799 985 1137 1008">70.0%</td> <td data-bbox="1142 985 1481 1008">10.0%</td> </tr> <tr> <td data-bbox="456 1014 794 1037">test</td> <td data-bbox="799 1014 1137 1037">60.0%</td> <td data-bbox="1142 1014 1481 1037">40.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	project	60.0%	50.0%	attendance at lectures	70.0%	10.0%	test	60.0%	40.0%
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Recommended reading	Basic literature	<ul style="list-style-type: none"> • Kompedium wiedzy o zarządzaniu projektami - PMBOK® Guide, wyd. 2000 uzupełnia 2004/2009/2013/17r.; 5.ed, red. W.R. Ducan. W tłum. Management Training & Development Center, • Barker S. Cole R.: Zarządzanie projektem. Co dobry szef projektu wie, robi i mówi. Wyd. PWE, wydanie 2010 r. • Nowoczesne zarządzanie projektami. Red. M. Trocki; Wyd.: PWE, 201 • Wirkus M., Roszkowski H., Dostatni E., Gierulski W.: Zarządzanie projektem. Wyd.: PWE, 2013. • Wysocki R., McGary R.: Efektywne zarządzanie projektami (tłum. z ang.). Gliwice: Helion 2005. • Zarządzanie projektami badawczo-rozwojowymi. Redakcja naukowa Marek Wirkus, Anna Lis Wyd.: Difin, 2012 													
	Supplementary literature	<ul style="list-style-type: none"> • Individual Competence Baseline ICB 4.0 Wyd. IPMA Polska 2018. • PRINCE2 skuteczne zarządzanie projektami. OGC. Ed.2017 (tłum. z ang.). Wyd.: TSO; wyd. polskie 2010. 													
	eResources addresses	Adresy na platformie eNauczanie: ZARZĄDZANIE PROGRAMAMI I PROJEKTAMI INNOWACYJNYMI - Moodle ID: 30240 https://enauzanie.pg.edu.pl/moodle/course/view.php?id=30240													
Example issues/ example questions/ tasks being completed	develop a project plan for the innovative product														
Work placement	Not applicable														