

Subject card

Subject name and code	Project management, PG_00153640						
Field of study	Biotechnology						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2025/2026		
Education level	Master's studies	Subject group			Obligatory subject group in the field of study Humanistic-social subject group		
Mode of study	full-time studies	Mode of delivery			at the university		
Year of study	2	Language of instruction			English		
Semester of study	3	ECTS credits			1.0		
Learning profile	academic	Assessment form			credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Joanna Sadkowska				
	Teachers		dr hab. Joanna Sadkowska				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
	eNauczanie source addresses: Moodle ID: 13312 SS. Project management. Biotechnology. 2025.2026 https://mdl.ug.edu.pl/course/view.php?id=13312						
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	15		0.0		15.0	30
Subject objectives	The aim of the course is: a. to impart knowledge in the area of project management b. for Students to acquire project management techniques and tools in the project initiation, planning, execution and closure phases. Particular emphasis will be placed on building the Student's skills in the area of project planning.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[BIOTECHMU2_U03] The graduate is able to work independently and in a team; be flexible when working in a team and accept various roles and tasks, including the role of a group leader	Able to work as part of a project team and perform the assigned role in a responsible manner	[SU8] observation of student's independent or team work
	[BIOTECHMU2_K07] The graduate is willing to think and act in an entrepreneurial manner.	Is aware of the importance of design in the commercialisation of research results. When working in a project team, thinks and acts in an entrepreneurial manner	[SK1] oral statement/conversation/discussion [SK8] observation of student's independent or team work
	[BIOTECHMU2_U06] The graduate is able to prepare, in a targeted manner in Polish and / or English, a written study, a scientific publication in the field of biotechnology using scientific language, including specialist terminology and conceptual apparatus	Knows selected project management issues in depth and knows how to present them	[SU2] presentation/project/paper/report
[BIOTECHMU2_W07] The graduate knows and understands social sciences and humanities, helpful in entrepreneurship and effective functioning in society as a human, citizen, employee, employer; the principles of responsibility in conducting scientific research.	Knows and understands selected project management issues in depth	[SW4] test/exam - oral or written	
Subject contents	<p>Topic 1: Introduction to project management The essence and characteristics of projects The place and role of projects in the activity of a small enterprise The specific activity of a small tourism enterprise Projects in the history of project management Basic parameters of projects Project classification Project management in the activity of a small tourism enterprise</p> <p>Topic 2: The life cycle of projects 1. The essence of the life cycle 2. The life cycle of a project versus the life cycle of a product and an organisation 3. The stages of the project life cycle 4. Life cycle analysis on the example of selected projects (case study)</p> <p>Topic 3: Project initiation and planning Defining project goals and scope Project charter Project stakeholder analysis Project responsibility matrix (RAM) 4. Project work breakdown structure (SPP/WBS) The essence and purpose of creating an SPP Types of SPP Building a work breakdown structure</p> <p>Topic 4: Selected techniques in project planning Scheduling Network techniques 2. Project planning using the Critical Path Method (CPM) The essence and main assumptions of the CPM Network diagram in project planning Time reserves in the CPM Method Determination and analysis of the critical path</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	evaluation of the project work on the basis of team activity during the class	51.0%	50.0%
	written exam	51.0%	50.0%
Recommended reading	Basic literature	Wysocki R., Efektywne zarządzanie projektami- tradycyjne, zwinne, ekstremalne, OnePress, Gliwice , najnowsze wydanie	

	Supplementary literature	<p>Pietras P., Szmit M., Project management-selected methods and techniques, Horyzont, Łódź 2003.</p> <p>Trocki M. (red.), Nowoczesne zarządzanie projektem, PWE, Warszawa 2012.</p> <p>Trocki M. (ed.), Planning the course of projects, SGH Publishing House, Warsaw 2015.</p> <p>Wirkus M. et al, Project management, PWE, Warsaw 2014.</p> <p>Sadkowska J., <i>Zarządzanie projektami - perspektywa sukcesu</i>, w: Antonowicz P., Próchniak J., Sadkowska J. (red.), <i>Zarządzanie rozwojem przedsiębiorstwa - Perspektywa nauki i praktyki gospodarczej</i>, tom 2, Wydawnictwo Uniwersytetu Gdańskiego, Sopot 2020, ss. 173-190.</p>
Example issues/ example questions/ tasks being completed	eResources addresses	<ol style="list-style-type: none"> 1. preparation of a project charter 2. preparation of a project stakeholder analysis and a strategy for dealing with the various stakeholders 3. preparation of a Gantt chart for the project 4. preparation of a network diagram for the project
Work placement	Not applicable	

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