



## Subject card

Subject name and code	Project Management, PG_00048414						
Field of study	Ocean Engineering						
Date of commencement of studies	February 2023		Academic year of realisation of subject		2023/2024		
Education level	second-cycle 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	2		Language of instruction		Polish		
Semester of study	3		ECTS credits		4.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Institute of Ocean Engineering and Ship Technology -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. Janusz Kozak				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	45.0	0.0	75
	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	75		5.0		20.0	100
Subject objectives	To learn of methodology of project management						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_U06] when forming and solving design tasks can see their non-technical aspects, including environmental, economical and legal ones. Applies HSE rules and regulations		Student is able properly planning of the project realization, define of timetable, cost flow sheet and perform of the risk analysis in relations to project realization.		[SU4] Assessment of ability to use methods and tools		
	[K7_K02] is aware non-technical aspects and effects of operation as an engineer, its influence on the environment and is aware of the responsibilities for the decisions taken		Student in proper way selects problems for solving problem, decides on range of particular problems in whole project area		[SK5] Assessment of ability to solve problems that arise in practice		
	[K7_W03] has a widened knowledge in the range of reliability and safety of ocean technology objects and systems and environmental protection in ocean technology		Student properly select problems for content od project and decide on range of particular problems in whole project area		[SW2] Assessment of knowledge contained in presentation		
	[K7_U08] can manage the work of a team, coordinate the conducting of a design or research task		Student knows needs for spread activities and is able be leader of such action		[SU1] Assessment of task fulfilment		
	[K7_U05] can conduct an initial economic analysis of an investment in the range of ocean technology, indicate detailed rules of law and branch regulations		Student apply known methods and tools to solving the measurement problem		[SU3] Assessment of ability to use knowledge gained from the subject		
	[K7_W09] has organized, widened knowledge on the principles of sustainable development		Student is able properly planning of the project realization, define of timetable, cost flow sheet and perform of the risk analysis in relations to project realization, especially in relation to environmental protection problems		[SW3] Assessment of knowledge contained in written work and projects		

Subject contents	Role of project in company management. Methodology of project management: SCRUM, PMI BOK i PRINCE2. Structure and types of projects. Ways for nomination of project team. Phases of project. Management of risk of project. Communication, management, supervising, reporting, action while critic situations.Documentation and reporting. Good practices.		
Prerequisites and co-requisites	Knowledge of fundamentals of human resources management		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	lecture	50.0%	50.0%
	project	80.0%	50.0%
Recommended reading	Basic literature	The Scrum Guide, The Definitive Guide to Scrum: The Rules of the Game, July 2013 ( in links) Agile Manifesto - <a href="http://agilemanifesto.org/">http://agilemanifesto.org/</a> A Guide to the Project Management Body of Knowledge (PMBOK®Guide)Fifth Edition, Agile Manifesto, Chaos Manifesto 2013 PMP Exam Prep, Eighth Edition - Updated: Rita's Course in a Book for Passing the PMP Exam Eighth Edition Extreme Project Management, Using Leadership, Principles, and Tools to Deliver Value in the Face of Volatility, Dough DeCarlo Project Management: A Systems Approach to Planning, Scheduling and Controlling, Harold R. Kerzner, 11th Edition Linking Project Management to Business Strategy Hardcover, Aaron J. Shenhar October 1, 2007	
	Supplementary literature	Being Agile in a Waterfall World, A Practical Guide For Complex Organizations, Joseph Flshiff	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		