University of Gdańsk

Subject card

Subject name and code	Introduction to Collaborative Project, PG_00207080		
Field of study	Mathematical Modeling and Data Analysis		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2026/2027
Education level	Master's studies	Subject group	Obligatory subject group in the field of study
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish
Semester of study	1	ECTS credits	5.0
Learning profile	academic	Assessment form	credit
Conducting unit	Laboratory of Environmental Chemoinformatics -> Department of Environmental Chemistry and Radiochemistry -> Faculty of Chemistry -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	mgr inż. Michał Kałapus	
	Teachers	mgr inż. Kamila Jarzyńska mgr inż. Michał Kałapus	

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	60.0	0.0	0.0	60
	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	60	5.0	60.0	125

Subject objectives	-

Learning outcomes

Course outcome	Subject outcome	Method of verification
[MMiADM2_U09] is able to lead a team, cooperate with team members within its work, take the initiative in team management	1. The student is able to choose the best project management method depending on the project type. 2. The student researches and selects appropriate statistical tests and ML models to confirm their thesis. 3. The student is able to define the project goals and explain in a concise, specific, yet robust manner what interests them, why, and what motivated them to undertake the selected project topic. 4. The student understands where to find data for both analysis and self-improvement (self-learning) in the selected topic.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report
[MMiADM2_K04] is ready to take care of the achievements and traditions of professions related to analytical modeling and data analysis by thinking and acting in an entrepreneurial manner, improving his/her competences and popularizing knowledge	1. The student is open to new knowledge, effectively understands what may pose a problem in completing tasks, and is not afraid to ask group members and the instructor for help. 2. The student understands how to verify the copyright of digital resources and knows the rules for their use. 3. The student is able to compromise or accept that part of the project will not be completed in a way they do not support (in opposition to the rest of the team). 4. During individual group meetings with the instructor, the student discusses how the work is organized and how they communicate with the rest of the team. 5. The student helps the rest of the team adapt to new communication methods or helps them learn the elements necessary to complete the project together. 6. The student respects the time and commitment of other group members.	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report [SK3] text preparation/written work [SK5] implementation of a problem task [SK6] demonstration of practical skills [SK8] observation of student's independent or team work

Subject contents

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Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
-	75.0%	30.0%
-	75.0%	30.0%
-	75.0%	40.0%

Recommended reading

Basic literature	-
Supplementary literature	-
eResources addresses	

Example issues/ example questions/ tasks being completed

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Work placement

Not applicable