University of Gdańsk

Subject card

Subject name and code	Research/Professional Project, PG_00205939		
Field of study	Quantum Information Technology		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2027/2028
Education level	Master's studies	Subject group	Obligatory subject group in the field of study Optional subject group 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	English
Semester of study	3	ECTS credits	11.0
Learning profile	academic	Assessment form	credit
Conducting unit			
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Paweł Mazurek	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	230.0	0.0	230

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	230	0.0	45.0	275

Subject objectives

The aim of the subject is to make the student part of the ongoing active research in the area of Quantum Information Technologies, to foster connections with other scientists, and to prepare the student to work as an independent reseracher in academia or industry.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[QITL3_K04] is ready to responsibly fulfill the role of of a quantum technologies specialist, taking into account the changing needs of society, including developing the professional achievements, maintaining the professional ethos, and adhering to and developing the principles of professional ethics and working to ensure compliance with these principles		
[QITL3_K01] is ready to critically evaluate their knowledge and the content they receive, including in the field of quantum physics and technologies		
[QITL3_U06] is able to formulate and test hypotheses related to research problems in quantum information technologies.		
[QITL3_U05] is able to manage the work of a team, cooperate with others in teamwork, and take a leading role in teams.		

<table>
<tr><td>Subject contents</td><td colspan="3">Participation in research project: discussions, literature search, research planning, calculations, simmulations, writing scientific paper, preparing poster/oral presentations of the results</td></tr>
<tr><td>Prerequisites and co-requisites</td><td colspan="3"></td></tr>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>evaluation of the project report or presentation of the results</td><td>51.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">Depending on the research project.</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">None.</td></tr>
<tr><td>eResources addresses</td><td colspan="2"></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3"></td></tr>
<tr><td>Work placement</td><td colspan="3">Not applicable</td></tr>
</table>

Document generated electronically. Does not require a seal or signature.