University of Gdańsk

Subject card

Subject name and code	Specialized Physical Laboratory, PG_00155851		
Field of study	Medical Physics		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2024/2025
Education level	Master's studies	Subject group	Obligatory subject group in the field of study Optional subject group
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish not applicable
Semester of study	1	ECTS credits	4.0
Learning profile	academic	Assessment form	credit
Conducting unit	Faculty of Mathematics, Physics and Informatics -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Justyna Barzowska	
	Teachers	dr Justyna Barzowska dr Michał Mońka dr Dzmitryi Ushakou	

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	45.0	0.0	0.0	45
	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	45	0.0	75.0	120

Subject objectives	not applicable

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<tr><td>Learning outcomes</td><td>
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<tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr>
<tr><td>[FIZMEDMU2_U06] is able to adapt the knowledge and methodology of physics as well as the experimental and theoretical methods used to related scientific disciplines</td><td>not applicable</td><td>[SU1] oral statement/conversation/ discussion</td></tr>
<tr><td>[FIZMEDMU2_K07] is aware of responsibility for jointly (team) research tasks</td><td>not applicable</td><td>[SK1] oral statement/conversation/ discussion</td></tr>
<tr><td>[FIZMEDMU2_U07] can present research results (experimental, theoretical or numerical) in written, oral, multimedia presentation or poster form</td><td>not applicable</td><td>[SU1] oral statement/conversation/ discussion</td></tr>
<tr><td>[FIZMEDMU2_K09] can think and act in an entrepreneurial way</td><td>not applicable</td><td>[SK1] oral statement/conversation/ discussion</td></tr>
<tr><td>[FIZMEDMU2_U01] can apply the scientific method in solving physical problems, carrying out experiments and reasoning</td><td>not applicable</td><td>[SU1] oral statement/conversation/ discussion</td></tr>
<tr><td>[FIZMEDMU2_W03] knows advanced experimental, observational and numerical techniques allowing to plan and perform a complex physical experiment or computer simulation</td><td>not applicable</td><td>[SW1] oral statement/ conversation/discussion</td></tr>
<tr><td>[FIZMEDMU2_K03] can work individually and in a team; is aware of responsibility for jointly performed tasks</td><td>not applicable</td><td>[SK1] oral statement/conversation/ discussion</td></tr>
<tr><td>[FIZMEDMU2_U02] has the ability to plan and conduct basic and advanced experiments or observations in specific areas of physics or its applications</td><td>not applicable</td><td>[SU1] oral statement/conversation/ discussion</td></tr>
<tr><td>[FIZMEDMU2_U03] is able to critically analyze the results of measurements, observations or theoretical calculations, including assessing the accuracy of the results</td><td>not applicable</td><td>[SU1] oral statement/conversation/ discussion</td></tr>
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<tr><td>Subject contents</td><td>not applicable</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>not applicable</td><td>0.0%</td><td>10.0%</td></tr>
<tr><td>not applicable</td><td>51.0%</td><td>90.0%</td></tr>
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<tr><td>Recommended reading</td><td>
<table>
<tr><td>Basic literature</td><td>not applicable</td></tr>
<tr><td>Supplementary literature</td><td>not applicable</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td>not applicable</td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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