University of Gdańsk

Subject card

Subject name and code	Bacelor's Laboratory, PG_00168496		
Field of study	Nuclear safety and radiological protection		
Date of commencement of studies	October 2025	Academic year of realisation of subject	2027/2028
Education level	Bachelor'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	3	Language of instruction	Polish
Semester of study	6	ECTS credits	5.0
Learning profile	academic	Assessment form	credit
Conducting unit	Faculty of Mathematics, Physics and Informatics -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Angelina Łobejko	
	Teachers		

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	0.0	65.0	125

Subject objectives	not applicable

<table>
<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>[BJORL3_K08] can think and act in an entrepreneurial way</td><td>not applicable</td><td>[SK1] oral statement/conversation/ discussion
[SK5] implementation of a problem task</td></tr>
<tr><td>[BJORL3_U09] Can independently plan and implement his own learning</td><td>not applicable</td><td>[SU1] oral statement/conversation/ discussion
[SU5] implementation of a problem task</td></tr>
<tr><td>[BJORL3_K07] has a sense of responsibility for jointly implemented tasks; is able to interact and work in a group, taking on different roles in it</td><td>not applicable</td><td>[SK1] oral statement/conversation/ discussion
[SK5] implementation of a problem task</td></tr>
<tr><td>[BJORL3_W03] knows how to plan and perform a simple physical or chemical experiment and analyze the results obtained; knows the elements of the theory of measurement uncertainty as applied to experiments; knows the basic units of the SI system and its most important derived units; knows other systems of measurement units</td><td>not applicable</td><td>[SW1] oral statement/ conversation/discussion
[SW5] implementation of a problem task</td></tr>
<tr><td>[BJORL3_U02] Has the ability to perform measurements of basic quantities used in physics and chemistry; can develop, describe and present the results of simple experiments and computer simulations; can perform quantitative analyses and formulate qualitative conclusions on this basis; can estimate measurement uncertainties</td><td>not applicable</td><td>[SU1] oral statement/conversation/ discussion
[SU5] implementation of a problem task</td></tr>
<tr><td>[BJORL3_K06] Is aware of professionalism and adherence to professional ethics</td><td>not applicable</td><td>[SK1] oral statement/conversation/ discussion
[SK5] implementation of a problem task</td></tr>
<tr><td>[BJORL3_W02] Understands the role of physical and chemical experimentation, mathematical theoretical models approximating reality, and computer simulations in scientific research methodology; is aware of technological, apparatus, and methodological limitations in scientific research</td><td>not applicable</td><td>[SW1] oral statement/ conversation/discussion
[SW5] implementation of a problem task</td></tr>
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<tr><td>Subject contents</td><td>do uzupełnienia</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>100.0%</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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