University of Gdańsk

Subject card

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|---|---|---|---|---|---|---|---|
| Subject name and code | Bachelor's Laboratory, PG_00209071 | | | | | | |
| Field of study | Nuclear safety and radiological protection | | | | | | |
| Date of commencement of studies | October 2026 | | Academic year of realisation of subject | 2028/2029 | | | |
| Education level | Bachelor's studies | | Subject group | Obligatory subject group in the field of study<br>Optional subject group<br>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 | | | | | | |
| | 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_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<br>[SU5] implementation of a problem task</td></tr>
<tr><td>[BJORL3_W02] Has an advanced understanding of the role of physical and chemical experiments, 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<br>[SW5] implementation of a problem task</td></tr>
<tr><td>[BJORL3_W03] Has advanced knowledge and understanding of the principles of planning and conducting simple physical and chemical experiments and analyzing obtained results; has knowledge and understanding of the fundamentals of measurement uncertainty as applied to experiments, the base SI units and the most important derived units, as well as other systems of units.</td><td>not applicable</td><td>[SW1] oral statement/ conversation/discussion<br>[SW5] implementation of a problem task</td></tr>
<tr><td>[BJORL3_U09] They are able to plan and carry out their own learning independently, organize their work both individually and in a team, and collaborate with others as part of a team.</td><td>not applicable</td><td>[SU1] oral statement/conversation/ discussion<br>[SU5] implementation of a problem task</td></tr>
<tr><td>[BJORL3_K06] Is ready to perform the professional role in a competent and responsible manner and to adhere to the principles of professional ethics.</td><td>not applicable</td><td>[SK1] oral statement/conversation/ discussion<br>[SK5] implementation of a problem task</td></tr>
<tr><td>[BJORL3_K08] He is ready to think and act entrepreneurially.</td><td>not applicable</td><td>[SK1] oral statement/conversation/ discussion<br>[SK5] implementation of a problem task</td></tr>
<tr><td>[BJORL3_K07] Is prepared to make independent decisions, working as part of a team, and taking responsibility for the consequences of his actions.</td><td>not applicable</td><td>[SK1] oral statement/conversation/ discussion<br>[SK5] 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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