



Subject card

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| Subject name and code | Seminar of applied physics I, PG_00037287 | | | | | | |
| Field of study | Technical Physics | | | | | | |
| Date of commencement of studies | October 2023 | | Academic year of realisation of subject | | 2024/2025 | | |
| Education level | first-cycle studies | | Subject group | | 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 | | Polish | | |
| Semester of study | 4 | | ECTS credits | | 1.0 | | |
| Learning profile | general academic profile | | Assessment form | | assessment | | |
| Conducting unit | Katedra Fizyki Atomowej, Molekularnej i Optycznej -> Faculty of Applied Physics and Mathematics | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr inż. Sebastian Bielski | | | | |
| | Teachers | | dr inż. Sebastian Bielski | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 | 15 |
| | 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 | 15 | | 2.0 | | 8.0 | 25 |
| Subject objectives | Teaching students how to prepare and give a presentation on a given or chosen topic and how to discuss. | | | | | | |
| Learning outcomes | Course outcome | | Subject outcome | | Method of verification | | |
| | [K6_U07] Can present basic facts within the scope of physics and other scientific disciplines in a clear manner. | | The student can present prepared information in an understandable way. | | [SU5] Assessment of ability to present the results of task | | |
| | [K6_U08] Can prepare written works and speeches in Polish and English, concerning detailed issues of physics and related fields, and scientific disciplines. | | The student is able to prepare a presentation on a selected physics topic, deliver it and take part in a discussion. | | [SU5] Assessment of ability to present the results of task | | |
| | [K6_U01] Can learn independently, obtain information from literature, databases and other properly selected sources. | | The student is able to acquire and use information from various resources. | | [SU2] Assessment of ability to analyse information | | |
| | [K6_K05] Can present own work results, transfer information in a commonly understandable manner, communicate and self-evaluate, as well as constructively evaluate the effects of other persons' work. | | The student is able to present prepared information in an understandable way and to take part in a discussion. | | [SK4] Assessment of communication skills, including language correctness | | |
| Subject contents | Preparation of a scientific presentation on a given topic and its presentation.Discussion and commenting on the presentation. | | | | | | |
| Prerequisites and co-requisites | Basic knowledge of various branches of physics. | | | | | | |

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| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
| | attendance | 66.0% | 0.0% |
| | preparation and delivery of a presentation | 50.0% | 100.0% |
| Recommended reading | Basic literature | Dependent on the topic of the presentation. | |
| | Supplementary literature | None | |
| | eResources addresses | Adresy na platformie eNauczanie: Seminarium fizyki stosowanej I 2024/25 - Moodle ID: 42924 https://enauczenie.pg.edu.pl/moodle/course/view.php?id=42924 | |
| Example issues/ example questions/ tasks being completed | Atom models; Antimatter; Cold fusion; biomolecules | | |
| Work placement | Not applicable | | |

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