

Subject card

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| Subject name and code | Professional practice of teaching physics in secondary school, PG_00204330 | | | | | | |
| Field of study | Physics | | | | | | |
| Date of commencement of studies | October 2026 | Academic year of realisation of subject | | | 2026/2027 | | |
| Education level | Master's studies | Subject group | | | | | |
| Mode of study | full-time studies | Mode of delivery | | | at the university | | |
| Year of study | 1 | Language of instruction | | | Polish | | |
| Semester of study | 2 | ECTS credits | | | 2.0 | | |
| Learning profile | academic | Assessment form | | | credit | | |
| Conducting unit | Laboratory for Physics Teaching -> Institute of Experimental Physics -> Faculty of Mathematics, Physics and Informatics -> Rector | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr Adrian Kołodziejski | | | | |
| | Teachers | | | | | | |
| Lesson types | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 0.0 | 0.0 | 30.0 | 0.0 | 0.0 | 30 |
| | 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 | 30 | | 0.0 | | 0.0 | 30 |
| Subject objectives | Application of the acquired knowledge in didactics in practical activities. Familiarization with experiences related to the work of a physics teacher in secondary school. | | | | | | |
| Learning outcomes | Course outcome | | Subject outcome | | | Method of verification | |
| Subject contents | <ul style="list-style-type: none"> - The specifics of the school where the practice is conducted - Observation of teacher and student activities in various pedagogical situations - Planning and conducting physics lessons (utilizing diverse teaching methods, work forms, and organizing the material environment of the class) - Assessment of students knowledge and skills; evaluating students work - Analysis and interpretation of observed or experienced pedagogical events | | | | | | |
| Prerequisites and co-requisites | A student commencing the course <i>Professional Practice in Teaching Physics in Secondary School</i> must have completed courses from the <i>Psychological and Pedagogical Preparation for Teachers</i> block (courses from groups A, B, and C in accordance with the Teacher Education Standards) and be currently undertaking the course <i>Didactics of Physics in Secondary School</i> . | | | | | | |
| Assessment methods and criteria | Subject passing criteria | | Passing threshold | | | Percentage of the final grade | |
| | Positive evaluation, proper report, observation notes, lesson plans of own classes, confirmation of practice hours. | | 100.0% | | | 100.0% | |

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| Recommended reading | Basic literature | Core Curriculum for the subject of Physics at all levels of education (available on the website of the Ministry of National Education) Current textbooks approved by the Ministry of National Education for teaching physics in primary and secondary schools Currently applicable documents: the Education Act and the Teachers Charter (available on the website of the Ministry of National Education) |
| | Supplementary literature | Materials from the course <i>Didactics of Physics in Secondary School</i> . |
| | eResources addresses | |
| Example issues/ example questions/ tasks being completed | | |
| Work placement | Not applicable | |

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