

**Subject card**

|  |   |  |  |                                     |  |            |     |
|--|---|--|--|-------------------------------------|--|------------|-----|
| <b>Subject name and code</b>                       | Professional practice of teaching physics in primary school, PG_00204328  |  |  |                                     |  |            |     |
| <b>Field of study</b>                              | Physics   |  |  |                                     |  |            |     |
| <b>Date of commencement of studies</b>             | October 2026  | <b>Academic year of realisation of subject</b>           |  |                                     | 2026/2027                                      |            |     |
| <b>Education level</b>                             | Master's studies  | <b>Subject group</b>                                     |  |                                     | Obligatory subject group in the field of study |            |     |
| <b>Mode of study</b>                               | full-time studies   | <b>Mode of delivery</b>                                  |  |                                     | at the university                              |            |     |
| <b>Year of study</b>                               | 1   | <b>Language of instruction</b>                           |  |                                     | Polish   |            |     |
| <b>Semester of study</b>                           | 2   | <b>ECTS credits</b>                                      |  |                                     | 2.0  |            |     |
| <b>Learning profile</b>                            | academic  | <b>Assessment form</b>                                   |  |                                     | credit   |            |     |
| <b>Conducting unit</b>                             | Laboratory for Physics Teaching -> Institute of Experimental Physics -> Faculty of Mathematics, Physics and Informatics -> Rector   |  |  |                                     |  |            |     |
| <b>Name and surname of lecturer (lecturers)</b>    | <b>Subject supervisor</b>   |  | dr Adrian Kołodziejski   |                                     |  |            |     |
|  | <b>Teachers</b>   |  |  |                                     |  |            |     |
| <b>Lesson types</b>                                | <b>Lesson type</b>  | Lecture  | Tutorial   | Laboratory                          | Project  | Seminar    | SUM |
|  | <b>Number of study hours</b>  | 0.0  | 0.0  | 30.0                                | 0.0  | 0.0        | 30  |
|  | E-learning hours included: 0.0  |  |  |                                     |  |            |     |
| <b>Learning activity and number of study hours</b> | <b>Learning activity</b>  | Participation in didactic classes included in study plan |  | Participation in consultation hours |  | Self-study | SUM |
|  | <b>Number of study hours</b>  | 30   |  | 0.0                                 |  | 0.0        | 30  |
| <b>Subject objectives</b>                          | Acquiring experience in the pedagogical and instructional work of a teacher and applying the knowledge of subject-specific didactics (teaching methods) in real educational settings.   |  |  |                                     |  |            |     |
| <b>Learning outcomes</b>                           | Course outcome  |  | Subject outcome  |                                     | Method of verification                         |            |     |
| <b>Subject contents</b>                            | The art of conducting lessons (formulating the lesson topic in accordance with the objectives and content of the class, defining lesson objectives, selecting teaching content, choosing teaching methods, selecting and preparing teaching aids, structuring the lesson flow, and using language and specialized vocabulary adapted to the topic and learners abilities). Verification and application of theoretical knowledge during work in primary school. Acquisition of practical skills in conducting lessons for primary school students using various teaching methods. |  |  |                                     |  |            |     |
| <b>Prerequisites and co-requisites</b>             | A student commencing the course Professional Practice in Teaching Physics in Primary School must have passed courses from the Psychological and Pedagogical Preparation for Teachers block (courses from groups A, B, and C in accordance with the Teacher Education Standards) and be currently undertaking the course Didactics of Physics in Primary School.   |  |  |                                     |  |            |     |
| <b>Assessment methods and criteria</b>             | <b>Subject passing criteria</b>   |  | <b>Passing threshold</b>   |                                     | <b>Percentage of the final grade</b>           |            |     |
|  | Positive evaluation, proper report, observation notes, own lesson plans, confirmation of practice hours.  |  | 100.0%   |                                     | 100.0%   |            |     |
| <b>Recommended reading</b>                         | <b>Basic literature</b>   |  | Physics textbooks for primary school approved for school use by the decision of the Minister of National Education |                                     |  |            |     |
|  | <b>Supplementary literature</b>   |  | Teachers guides developed in accordance with the core curriculum for primary school.                               |                                     |  |            |     |
|  |   |  | Lesson plans including original lesson scenarios prepared by physics teachers                                      |                                     |  |            |     |
|  | eResources addresses  |  |  |                                     |  |            |     |

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|--|----------------|
| Example issues/<br>example questions/<br>tasks being completed |                |
| Work placement   | Not applicable |

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