

| Module title  |                              | Abbreviation                         |
|---|------------------------------|--------------------------------------|
| Physics: Practical Training and Theory of Classroom   |                              | 11-L-SBPGY-152-m01                   |
| Module coordinator  |                              | Module offered by                    |
| holder of the Chair of Physics and its Didactics  |                              | Faculty of Physics and Astronomy     |
| ECTS  | Method of grading            | Only after succ. compl. of module(s) |
| 4   | (not) successfully completed | --                                   |
| Duration  | Module level                 | Other prerequisites                  |
| 1 semester  | undergraduate                | --                                   |
| Contents  |                              |                                      |
| <p>The module introduces teaching practice. The students gain insights into the pedagogical, didactic and methodical practice of Physics by observing and discussing classes. They consolidate their knowledge by preparing and holding classes themselves. In the corresponding seminar, the following topics (among others) will be discussed in agreement with the teachers: Introduction to the curriculum of Gymnasium; criteria to observe and analyse classes; basics of general school and class pedagogics; subject-specific work methods; planning of class sequences and models; introduction to the usage of modern media; development of blackboard pictures and transparency sketches. The main focus will be on class practice, the corresponding seminar also helps the students in developing own classes.</p> |                              |                                      |
| Intended learning outcomes  |                              |                                      |
| <p>The students have gained deep insights into the main steps of planning, preparing and organising classes; they are able to implement the contents of the curricula for different grades in a practical manner; they are able to select and use media, methods and social forms according to learning goals; they are able to connect findings of school pedagogics and learning psychology with subject-didactic knowledge and to integrate these findings into the organisation of classes.</p>   |                              |                                      |
| Courses (type, number of weekly contact hours, language — if other than German)   |                              |                                      |
| P (0) + S (2)   |                              |                                      |
| Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)   |                              |                                      |
| <p>term paper (15 to 20 pages)<br/>           Contents and duration of placement as specified in Section 34 Subsection 1 Sentence 1 No. 4 LPO I (examination regulations for teaching-degree programmes); participation in mandatory teaching practice, completion of all set tasks as specified by placement school.<br/>           Language of assessment: German and/or English</p>  |                              |                                      |
| Allocation of places  |                              |                                      |
| --  |                              |                                      |
| Additional information  |                              |                                      |
| --  |                              |                                      |
| Workload  |                              |                                      |
| 120 h   |                              |                                      |
| Teaching cycle  |                              |                                      |
| --  |                              |                                      |
| Referred to in LPO I (examination regulations for teaching-degree programmes)   |                              |                                      |
| § 34 I 1 Nr. 4  |                              |                                      |
| Module appears in   |                              |                                      |
| First state examination for the teaching degree Gymnasium Educational Science (2015)  |                              |                                      |