

| Module title   |                              | Abbreviation                         |
|--|------------------------------|--------------------------------------|
| Scientific Work in Teaching Concepts   |                              | 11-L-WPD-152-m01                     |
| Module coordinator   |                              | Module offered by                    |
| Managing Director of the Institute of Applied Physics  |                              | Faculty of Physics and Astronomy     |
| ECTS   | Method of grading            | Only after succ. compl. of module(s) |
| 3  | (not) successfully completed | --                                   |
| Duration   | Module level                 | Other prerequisites                  |
| 1 semester   | undergraduate                | --                                   |
| Contents   |                              |                                      |
| Current topics in scientific work in physics education   |                              |                                      |
| Intended learning outcomes   |                              |                                      |
| The students have knowledge of a current subdiscipline of physics education and are able to process questions of physics education on the basis of scientific methods.   |                              |                                      |
| Courses (type, number of weekly contact hours, language — if other than German)  |                              |                                      |
| S (2)<br>Module taught in: German or English   |                              |                                      |
| Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)  |                              |                                      |
| talk (30 to 45 minutes)  |                              |                                      |
| Allocation of places   |                              |                                      |
| --   |                              |                                      |
| Additional information   |                              |                                      |
| --   |                              |                                      |
| Workload   |                              |                                      |
| 90 h   |                              |                                      |
| Teaching cycle   |                              |                                      |
| --   |                              |                                      |
| Referred to in LPO I (examination regulations for teaching-degree programmes)  |                              |                                      |
| § 22 II Nr. 1 h)<br>§ 22 II Nr. 2 f)<br>§ 22 II Nr. 3 f)   |                              |                                      |
| Module appears in  |                              |                                      |
| First state examination for the teaching degree Grundschule Physics (2015)<br>First state examination for the teaching degree Grundschule Didactics in Physics (Primary School) (2015)<br>First state examination for the teaching degree Realschule Physics (2015)<br>First state examination for the teaching degree Gymnasium Physics (2015)<br>First state examination for the teaching degree Sonderpädagogik Didactics in Physics (Middle School) (2015)<br>First state examination for the teaching degree Mittelschule Physics (2015)<br>First state examination for the teaching degree Mittelschule Didactics in Physics (Middle School) (2015)<br>First state examination for the teaching degree Grundschule Physics (2018)<br>First state examination for the teaching degree Grundschule Didactics in Physics (Primary School) (2018)<br>First state examination for the teaching degree Realschule Physics (2018)<br>First state examination for the teaching degree Gymnasium Physics (2018)<br>First state examination for the teaching degree Mittelschule Physics (2018)<br>First state examination for the teaching degree Sonderpädagogik Didactics in Physics (Middle School) (2018)<br>First state examination for the teaching degree Mittelschule Didactics in Physics (Middle School) (2018) |                              |                                      |

First state examination for the teaching degree Grundschule Didactics in Physics (Primary School) (2020)  
First state examination for the teaching degree Grundschule Physics (2020)  
First state examination for the teaching degree Gymnasium Physics (2020)  
First state examination for the teaching degree Realschule Physics (2020)  
First state examination for the teaching degree Sonderpädagogik Didactics in Physics (Middle School) (2020)  
First state examination for the teaching degree Mittelschule Didactics in Physics (Middle School) (2020)  
First state examination for the teaching degree Mittelschule Physics (2020)