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|--|------------------------------|---|
| <b>Module title</b>  |                              | <b>Abbreviation</b>                         |
| Physics Teaching Concepts Seminar  |                              | 11-L-PDS-NV-152-m01                         |
| <b>Module coordinator</b>  |                              | <b>Module offered by</b>                    |
| holder of the Chair of Physics and its Didactics   |                              | Faculty of Physics and Astronomy            |
| <b>ECTS</b>  | <b>Method of grading</b>     | <b>Only after succ. compl. of module(s)</b> |
| 2  | (not) successfully completed | --  |
| <b>Duration</b>  | <b>Module level</b>          | <b>Other prerequisites</b>                  |
| 1 semester   | undergraduate                | --  |
| <b>Contents</b>  |                              |   |
| Different topics of current subject-didactic research; examples: Interest and physics education, girls in physics education, evaluation, task culture, interdisciplinary classes, language in physics education, effects of subject media and their application for learning support, especially regarding computers, epistemological and working methods, new teaching methods.   |                              |   |
| <b>Intended learning outcomes</b>  |                              |   |
| Knowledge of selected methods of didactic physical research, evaluation of didactic physical research projects, knowledge of didactic physical literature. Ability to critically evaluate Physics classes in view of different aspects and to discuss different prioritisations and approaches.  |                              |   |
| <b>Courses</b> (type, number of weekly contact hours, language – if other than German)   |                              |   |
| S (2)  |                              |   |
| <b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)   |                              |   |
| a) written examination (approx. 45 minutes) or b) oral examination of one candidate each (approx. 10 minutes) or c) oral examination in groups (groups of 2, approx. 10 minutes per candidate) or d) term paper (approx. 8 pages)<br>Language of assessment: German and/or English   |                              |   |
| <b>Allocation of places</b>  |                              |   |
| --   |                              |   |
| <b>Additional information</b>  |                              |   |
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| <b>Workload</b>  |                              |   |
| 60 h   |                              |   |
| <b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)   |                              |   |
| § 53 I Nr. 2   |                              |   |
| <b>Module appears in</b>   |                              |   |
| First state examination for the teaching degree Grundschule Physics (2015)<br>First state examination for the teaching degree Realschule Physics (2015)<br>First state examination for the teaching degree Mittelschule Physics (2015)<br>First state examination for the teaching degree Grundschule Physics (2018)<br>First state examination for the teaching degree Realschule Physics (2018)<br>First state examination for the teaching degree Mittelschule Physics (2018)<br>First state examination for the teaching degree Grundschule Physics (2020)<br>First state examination for the teaching degree Realschule Physics (2020)<br>First state examination for the teaching degree Mittelschule Physics (2020) |                              |   |