## Module title
Experiments for science courses in primary schools

### Abbreviation
11-P-GS-FB-NE-092-m01

### Module coordinator
holder of the Chair of Physics and its Didactics

### Module offered by
Faculty of Physics and Astronomy

### ECTS
2

### Method of grading
Only after succ. compl. of module(s)

### (not) successfully completed
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### Duration
1 semester

### Module level
undergraduate

### Other prerequisites
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## Contents
Scientific teaching in Science and Social Studies of Grundschule; physical and chemical contexts suitable for the current curriculum of Grundschule; pupils experiments in physical and chemical contexts; characteristic student preconceptions

## Intended learning outcomes
Understanding of physical and chemical contexts; knowledge of typical learning difficulties; knowledge of pupils experiments suitable for Grundschule with accessible and affordable materials; competencies in developing and conducting experiments

## Courses
<table>
<thead>
<tr>
<th>Type</th>
<th>Number of weekly contact hours</th>
<th>Language</th>
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<tbody>
<tr>
<td>S</td>
<td>(no information on SWS (weekly contact hours) and course language available)</td>
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## Method of assessment
(a) written examination (approx. 45 minutes) or (b) term paper (approx. 8 pages) or (c) oral examination of one candidate each (approx. 10 minutes) or (d) oral examination in groups (approx. 20 minutes, groups of 2)

## Allocation of places
Number of places: 20. Places will be allocated according to the number of subject semesters/ECTS credits (1st: studying in 3rd subject semester or higher, 2nd: has achieved a minimum of 50 ECTS credits, and 3rd: highest number of subject semesters if studying in 1st or 2nd subject semester). Among applicants with the same number of subject semesters/ECTS credits, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.

## Additional information
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## Referred to in LPO I
(examination regulations for teaching-degree programmes)

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## Module appears in
First state examination for the teaching degree Grundschule Physics (2009)
First state examination for the teaching degree Grundschule Didactics in Physics (Primary School) (2009)