**Module title**  
Teaching Science with Hands-on-Exhibits (Physics)  

| Abbreviation | 11-MIND-Ph2-121-m01 |

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

**Module offered by**  
Faculty of Physics and Astronomy

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Other prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Only after succ. compl. of module(s)</td>
<td></td>
</tr>
</tbody>
</table>

**Duration**  
1 semester

**Module level**  
undergraduate

This module can be chosen by students studying at least one subject in the natural sciences.

**Contents**
Designing and creating hands-on exhibits for STEM subjects.

**Intended learning outcomes**  
The students evaluate the advantages and disadvantages of the hands-on approach for teaching scientific contents in and out of school. They plan and implement an interdisciplinary science exhibition as an example of project-oriented work with pupils of secondary level I and II.

**Courses**  
S (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**  
(a) written examination (approx. 45 minutes) or (b) term paper (approx. 8 pages, time to complete: 1 to 4 weeks) or (c) examination of one candidate each (approx. 10 minutes) or (d) examination in groups (approx. 20 minutes, groups of 2)

**Allocation of places**  
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**Additional information**  
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**Referred to in LPO I**  
(examination regulations for teaching-degree programmes)

**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)  
First state examination for the teaching degree Hauptschule Physics (2009)  
First state examination for the teaching degree Hauptschule Didactics in Physics (Secondary School) (2009)  
First state examination for the teaching degree Realschule Physics (2009)  
First state examination for the teaching degree Gymnasium Physics (2009)  
First state examination for the teaching degree Sonderpädagogik Didactics in Physics (Secondary School) (2009)  
First state examination for the teaching degree Sonderpädagogik Didactics in Physics (Middle School) (2013)  
First state examination for the teaching degree Mittelschule Physics (2013)  
First state examination for the teaching degree Mittelschule Didactics in Physics (Middle School) (2013)