**Module title**  
Low Cost - High Impact. Lowbudget Experiments for Science Courses (Physics)

**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>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

**Duration**  
1 semester

**Module level**  
undergraduate

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

**Contents**  
Conception and realisation of experimental stations with ordinary and inexpensive consumables for classes of Grundschule and secondary level I.

**Intended learning outcomes**  
The students develop simple scientific experimenting stations to use for the transition from primary to secondary level I for small groups from different types of schools. In doing so, they learn to simplify and convey scientific contents relevant to the curriculum in due consideration of the target group.

**Courses** (type, number of weekly contact hours, language — if other than German)  
S (no information on SWS (weekly contact hours) and course language available)

**Method of assessment** (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) 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**  
--

**Additional information**  
--

**Referred to in LPO I** (examination regulations for teaching-degree programmes)  
--

**Module appears in**  
keinem Studiengang zugeordnet

---

JMU Würzburg • generated 17.09.2019 • Module data record 125962