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

Abbreviation: 11-MIND-Ph1-092-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: numerical grade

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:
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) 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:
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Additional information:
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Referred to in LPO I (examination regulations for teaching-degree programmes):
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Module appears in:
keinem Studiengang zugeordnet