# Module description

## Current Topics in Physik

<table>
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<tr>
<th>Module title: Current Topics in Physik</th>
<th>Abbreviation: 11-EXP6-161-m01</th>
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### Module coordinator:
Chairperson of examination committee

### Module offered by:
Faculty of Physics and Astronomy

### ECTS: 6

### Method of grading: numerical grade

### Only after succ. compl. of module(s): --

### Duration: 1 semester

### Module level: graduate

### Other prerequisites: Approval from examination committee required.

## Contents

Current topics in experimental or theoretical physics. Credited academic achievements, e.g. in case of change of university or study abroad.

## Intended learning outcomes

The students have advanced competencies corresponding to the requirements of a module of Experimental or Theoretical Physics of the Master's programme of Nanostructure Technology. They have knowledge of a current subdiscipline of Physics and understand the measuring and/or calculation methods necessary to acquire this knowledge. They are able to classify the subject-specific contexts and know the application areas.

## Courses

<table>
<thead>
<tr>
<th>Type</th>
<th>Number of weekly contact hours</th>
<th>Language</th>
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### Method of assessment:

- a) written examination (approx. 90 to 120 minutes)
- b) oral examination of one candidate each (approx. 30 minutes)
- c) oral examination in groups (groups of 2, approx. 30 minutes per candidate)
- d) project report (approx. 8 to 10 pages)
- e) presentation/talk (approx. 30 minutes)

If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest.

Language of assessment: German and/or English

## 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

- Master's degree (1 major) Physics (2016)
- Master's degree (1 major) Nanostructure Technology (2016)
- Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)
- Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)
- Module studies (Master) Physics (2019)
- Module studies (Master) Nanostructure Technology (2019)