## Module title

**Advanced Topics in Physics**

### Abbreviation

11-CSPM-Int-201-m01

### 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)

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### Duration

1 semester

### Module level

Graduate

### Other prerequisites

Approval from examination committee required.

## Contents

This module allows lecturers of the physics study programme to give lectures on advanced topics that can not be covered by any other module. These lectures may either reflect new developments in research or deal with topics that are not included in the regular teaching cycle.

## Intended learning outcomes

The students deepen their knowledge and understanding of an advanced topic in physics, thereby gaining insights into the interface between research and teaching.

## Courses

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<thead>
<tr>
<th>Type</th>
<th>Number of weekly contact hours, language — if other than German</th>
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<td>V</td>
<td>(3) + R (1) Module taught in: English</td>
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## Method of assessment

- a) written examination (approx. 90 to 120 minutes) or
- b) oral examination of one candidate each (approx. 30 minutes) or
- c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or
- d) project report (approx. 8 to 10 pages) or
- 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: 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) Quantum Engineering (2020)