### Module title
Current Topics in Theoretical Physics

### Abbreviation
11-EXT6-111-m01

### Module coordinator
chairperson of examination committee

### Module offered by
Faculty of Physics and Astronomy

<table>
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<th>ECTS</th>
<th>Method of grading</th>
<th>Other prerequisites</th>
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<td>6</td>
<td>numerical grade</td>
<td>Approval by examination committee required.</td>
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### Duration
1 semester

### Module level
graduate

### Other prerequisites

### Contents
Current topics of Theoretical Physics. Accredited 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 Theoretical Physics of the Master's programme. They have advanced specialist knowledge of a subdiscipline of Theoretical Physics and have mastered the required methods. They are able to apply the acquired methods to current problems of Theoretical Physics.

### Courses
(V + R (no information on SWS (weekly contact hours) and course language available)

### Method of assessment
- a) written examination (approx. 120 minutes, for modules with less than 4 ECTS credits approx. 90 minutes; unless otherwise specified) or
- b) oral examination of one candidate each or oral examination in groups (approx. 30 minutes per candidate, for modules with less than 4 ECTS credits approx. 20 minutes) or
- c) project report (approx. 8 to 10 pages, time to complete: 1 to 4 weeks) or
- d) presentation/seminar presentation (approx. 30 minutes)

Language of assessment: German, 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 (2010)
- Master's degree (1 major) Physics (2011)
- Master's degree (1 major) Nanostructure Technology (2011)
- Master's degree (1 major) FOKUS Physics (2010)
- Master's degree (1 major) FOKUS Physics (2011)
- Master's degree (1 major) FOKUS Physics (2006)