## Module description

<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOKUS Research Module with Mini Research Project</td>
<td>11-FM6A-MF-112-m01</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module coordinator</th>
<th>Module offered by</th>
</tr>
</thead>
<tbody>
<tr>
<td>chairperson of examination committee</td>
<td>Faculty of Physics and Astronomy</td>
</tr>
</tbody>
</table>

<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>14</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 semester</td>
<td>graduate</td>
<td>--</td>
</tr>
</tbody>
</table>

### Contents

Specific and advanced knowledge of independent scientific work in a current research area.

### Intended learning outcomes

The students have special and advanced knowledge of independent scientific work in a current research area.

They have mastered the basics in theory and practice.

They are able to reproduce the acquired knowledge, to apply the acquired methods and to summarise a topic of the selected research area in an oral presentation.

They are able to successfully implement the acquired methods in a mini research project and to write down the results in a report.

### Courses

- **FOKUS Vorlesung zu aktuellen Forschungsthemen** (FOKUS Lecture on Topics in Current Research): V (3 weekly contact hours) + Ü/P (1 weekly contact hour), German or English, details on availability to be announced
- **FOKUS Kompaktseminar** (FOKUS Block Taught Seminar): S (2 weekly contact hours), German or English, details on availability to be announced
- **FOKUS Miniforschungsprojekt** (FOKUS Mini Research Project): P (2 weekly contact hours), German or English, details on availability to be announced

### Method of assessment

This module has the following assessment components:

1. Topics covered in lectures and exercises: written examination (approx. 90 minutes) or talk (approx. 30 minutes) or oral examination of one candidate each or oral examination in groups (approx. 30 minutes) or project report (approx. 8 pages)
2. Seminar: talk (approx. 30 to 45 minutes)
3. Research project: project report (approx. 8 pages)

Assessment components 1 and 3 will be offered in German or English.

Students must register for assessment components 1 and 3 online (details to be announced).

Details on when assessment components will be offered to be announced.

To pass this module, students must pass each of the assessment components 1 through 3.

### Allocation of places

--

### Additional information

--

### Referred to in LPO I

(examination regulations for teaching-degree programmes)

--

### Module appears in

- Master's degree (1 major) FOKUS Physics (2010)
- Master's degree (1 major) FOKUS Physics (2011)
- Master's degree (1 major) FOKUS Physics (2006)