## Module title
**FOKUS Research Module**

### Abbreviation
11-FM8A-112-m01

### Module coordinator
Chairperson of examination committee

### Module offered by
Faculty of Physics and Astronomy

### ECTS
12

### Method of grading
Numerical grade

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

### Duration
1 semester

### Module level
Graduate

### Other prerequisites
--

### 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.

### Courses

<table>
<thead>
<tr>
<th>Type</th>
<th>Number of weekly contact hours</th>
<th>Language</th>
<th>Details on availability to be announced</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FOKUS Vorlesung zu aktuellen Forschungsthemen</strong> (FOKUS Lecture on Topics in Current Research): V</td>
<td>(4 weekly contact hours) + Ü/P (2 weekly contact hours), German or English</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type</th>
<th>Number of weekly contact hours</th>
<th>Language</th>
<th>Details on availability to be announced</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FOKUS Kompaktseminar</strong> (FOKUS Block Taught Seminar): S</td>
<td>(2 weekly contact hours), German or English</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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)

Assessment components 1 and 2 will be offered in German or English. Students must register for assessment components 1 and 2 online (details to be announced). Details on when assessment components will be offered to be announced.

To pass this module, students must pass both assessment component 1 and assessment component 2.

### 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)