### Module description

#### Module title
- **FOKUS Mini Research Project**

#### Abbreviation
- 11-FM4A-MF-112-m01

#### Module coordinator
- Chairperson of examination committee

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

#### ECTS
- 12

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

#### Duration
- 1 semester

#### Module level
- Graduate

#### Other prerequisites
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### 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 (2 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
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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) FOKUS Physics (2010)
- Master’s degree (1 major) FOKUS Physics (2011)
- Master’s degree (1 major) FOKUS Physics (2006)