### Module title

**Current Topics in Mathematical Physics**

### Abbreviation

11-EXMP8-122-m01

### Module coordinator

Chairperson of examination committee Mathematische Physik (Mathematical Physics)

### Module offered by

Faculty of Physics and Astronomy

### ECTS

8

### 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 by examination committee required.

### Contents

Current topics of Mathematical 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 Mathematical Physics of the Master's programme. They have knowledge of a current subdiscipline of Mathematical Physics and understand the methods necessary to acquire this knowledge. They are able to classify the subject-specific contexts and know the application areas.

### Courses

Type, number of weekly contact hours, language — if other than German:

R (no information on SWS (weekly contact hours) and course language available)

### Method of assessment

Type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus:

- a) written examination (approx. 120 minutes)
- b) oral examination of one candidate each or oral examination in groups (approx. 30 minutes per candidate)
- c) project report (8 to 10 pages, time to complete: 1 to 4 weeks)
- 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) Mathematical Physics (2012)