Module description

**Module title**

Current Topics of Mathematical Physics

**Abbreviation**

11-BXMP5-122-m01

**Module coordinator**

chairperson of examination committee Mathematische Physik (Mathematical Physics)

**Module offered by**

Faculty of Physics and Astronomy

**ECTS**

5 numerical grade

**Method of grading**

Only after succ. compl. of module(s)

**Duration**

1 semester

**Module level**

undergraduate

**Other prerequisites**

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**Contents**

Current topics in Mathematical Physics. Credited 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 Bachelor’s programme. They have knowledge of a current subdiscipline of Mathematical Physics and understand the numeric and analytic 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)

V + 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)

written examination (approx. 120 minutes) or oral examination of one candidate each or oral examination in groups (approx. 30 minutes per candidate) or project report (approx. 8 to 10 pages, time to complete: 1 to 4 weeks) or presentation/seminar presentation (approx. 30 minutes)

Language of assessment: German or 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**

Bachelor’s degree (1 major) Mathematical Physics (2012)