Module title: Current Topics in Experimental Physics

Abbreviation: 11-EXE6A-161-m01

Module coordinator: Chairperson of examination committee

Module offered by: Faculty of Physics and Astronomy

ECTS: 6

Method of grading: Numerical grade

Duration: 1 semester

Module level: Graduate

Other prerequisites: Approval from examination committee required.

Contents:
Current topics in experimental 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 Experimental Physics of the Master's programme. They have knowledge of a current subdiscipline of Experimental Physics and understand the measuring and/or evaluation methods necessary to acquire this knowledge. They are able to classify the subject-specific contexts and know the application areas.

Courses:
V (3) + R (1)

Method of assessment:
- a) written examination (approx. 90 to 120 minutes) or 
- b) oral examination of one candidate each (approx. 30 minutes) or 
- c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or 
- d) project report (approx. 8 to 10 pages) or 
- e) presentation/talk (approx. 30 minutes).

If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest.

Language of assessment: German and/or English

Allocation of places:

Additional information:

Referred to in LPO I (examination regulations for teaching-degree programmes):

Module appears in:
- Master's degree (1 major) Physics (2016)
- Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)
- Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)
- Module studies (Master) Physics (2019)
- Master's degree (1 major) Physics (2020)
- Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)
- Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)