### Module title
Nanomatrix Biophysical Analyzing Systems and Processes (Master)

### Abbreviation
11-NM-BV-MA-072-m01

### Module coordinator
Managing Director of the Institute of Applied Physics

### Module offered by
Faculty of Physics and Astronomy

### ECTS
6

### Method of grading
numerical grade

### Only after succ. compl. of module(s)
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### Duration
1 semester

### Module level
graduate

### Other prerequisites
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### Contents
Principles and specific knowledge of engineering work in the application fields of energy engineering, electronics, photonics and biophysics as well as in the technology-oriented materials sciences, technologies of nano-structuring, components and system development, especially in the field of biophysical analysis systems and procedures.

### Intended learning outcomes
The students have advanced knowledge of one or more application or technology areas of engineering work, especially in the field of biophysical analysis systems and techniques.

### Courses
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)

- a) written examination (approx. 90 minutes) or
- b) talk (approx. 30 minutes) or
- c) oral examination of one candidate each or oral examination in groups (approx. 30 minutes) or
- d) project report (approx. 10 pages)

### 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) Nanostructure Technology (2010)
- Master's degree (1 major) FOKUS Physics - Nanostructuring Technology (2010)
- Master's degree (1 major) FOKUS Physics - Nanostructuring Technology (2006)