### Module title
**Laboratory Course Physics for Students of Physics Related Disciplines**

### Abbreviation
11-PNNF-152-m01

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

### Module offered by
Faculty of Physics and Astronomy

### ECTS
3

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

### Duration
1 semester

### Module level
undergraduate

### Other prerequisites
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### Contents
Simple experiments in the fields of mechanics, vibration theory, thermodynamics, optics, X-rays, nuclear magnetic resonance, Atomic and Nuclear Physics, imaging methods.

### Intended learning outcomes
The students have detected and understood physical contexts on the basis of the implementation of own experiments. They have a basic understanding of physical phenomena and know the basic ideas and ways of functioning of different measuring and imaging methods as well as their applications, especially in the field of Biomedicine.

### Courses
- P (4)

### Method of assessment
- a) practical assignment with oral test (approx. 15 minutes, during experiments) and b) written examination (90 minutes).
- Each experiment comprises preparation, performance and evaluation. Test as well as performance of experiments can each be repeated once.

### Allocation of places
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### Additional information
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### Referred to in LPO I
( examination regulations for teaching-degree programmes)

### Module appears in
- Bachelor' degree (1 major) Mathematics (2015)
- Bachelor' degree (1 major) Computational Mathematics (2015)
- Bachelor' degree (1 major) Functional Materials (2015)