## Module title

**Advanced Practial Course**

**Abbreviation**

11-P-FP-092-m01

### Module coordinator

Managing Director of the Institute of Applied Physics

### Module offered by

Faculty of Physics and Astronomy

### ECTS

4

### Method of grading

Only after succ. compl. of module(s)

### Duration

1 semester

### Module level

undergraduate

### Other prerequisites

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### Contents

Experiments of modern physics (Atom and Molecular Physics, Solid-State Physics, Nuclear Physics).

### Intended learning outcomes

The students have knowledge of conducting an experiment and of analysing and documenting the experimental results. They have basic knowledge of modern evaluation systems. They have gained insights into the experimental methods of modern Physics.

### Courses

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

### Method of assessment

Preparing, performing and evaluating (lab report) the experiments will be considered successfully completed if a Testat (exam) is passed. Experiments that were not successfully completed can be repeated once. Talk (with discussion; approx. 30 minutes) to test the candidate's understanding of the physics-related contents of the module component. Talks that were not successfully completed can be repeated once. Both components of the assessment have to be successfully completed.

### Allocation of places

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### Additional information

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

§ 77 (1) 1. d) Physik "physikalische Praktika"

### Module appears in

First state examination for the teaching degree Gymnasium Physics (2009)