## Module title

Introduction to Nanoscience

### Abbreviation

11-EIN-092-m01

## Module coordinator

Managing Director of the Institute of Applied Physics

## Module offered by

Faculty of Physics and Astronomy

## ECTS

6

## Method of grading

Only after succ. compl. of module(s)

## Duration

2 semester

## Module level

undergraduate

## Other prerequisites

Certain prerequisites must be met to qualify for admission to assessment. The lecturer will inform students about the respective details at the beginning of the course. Registration for the course will be considered a declaration of will to seek admission to assessment. If students have obtained the qualification for admission to assessment over the course of the semester, the lecturer will put their registration for assessment into effect. Students who meet all prerequisites will be admitted to assessment in the current or in the subsequent semester. For assessment at a later date, students will have to obtain the qualification for admission to assessment anew.

## Contents

Introduction to the principles of producing, characterising and applying nanostructures.

## Intended learning outcomes

The students have knowledge of the fundamental properties, technologies, characterising methods and functions of nanostructures.

## Courses

(V + S (no information on SWS (weekly contact hours) and course language available)

## Method of assessment

written examination (approx. 120 minutes, for modules with less than 4 ECTS credits approx. 90 minutes; unless otherwise specified)

## Allocation of places

Only as part of pool of general key skills (ASQ): 15 places. Places will be allocated by lot.

## 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' degree (1 major) Nanostructure Technology (2010)
Bachelor' degree (1 major) Nanostructure Technology (2012)
Bachelor' degree (1 major) Functional Materials (2012)
Bachelor's degree (1 major, 1 minor) Physics (Minor, 2010)

No final examination (2010)