## Module Description

**Module title**  Advanced Nano Sciences  
**Abbreviation**  11-FON-092-m01

### Module Coordinator
Managing Director of the Institute of Applied Physics  
**Module offered by**  Faculty of Physics and Astronomy

### ECTS  Method of Grading
6  Only after succ. compl. of module(s)

### Duration  Module Level  Other Prerequisites
1 semester  undergraduate  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
Advanced topics of producing, characterising and applying nanostructures.

### Intended Learning Outcomes
The students have advanced knowledge of the specific properties, production 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. 90 to 120 minutes) or oral examination of one candidate each (approx. 20 minutes) or oral examination in groups (groups of 2, approx. 30 minutes)

### 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) Nanostructure Technology (2010)  
Bachelor’s degree (1 major, 1 minor) Physics (Minor, 2010)