### Module title
Nanomatrix Semiconductor Processing

### Abbreviation
11-NM-HP-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)

### Duration
1 semester

### Module level
Undergraduate

### Other prerequisites

### 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 semiconductor processes.

### Intended learning outcomes
The students have advanced knowledge of one or more application or technology areas of engineering work, especially in the field of semiconductor processes.

### Courses

#### V + R
No information on SWS (weekly contact hours) and course language available

### Method of assessment

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

### Allocation of places

### Additional information

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

### Module appears in

- Bachelor’s degree (1 major) Nanostructure Technology (2008)
- Bachelor’s degree (1 major) Nanostructure Technology (2007)
- Master’s degree (1 major) Technology of Functional Materials (2010)
- Master’s degree (1 major) Technology of Functional Materials (2009)