Module title | Nanomatrix semiconductor materials  
Abbreviation | 11-NM-HM-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 nanostructuring, components and system development, especially in the field of semiconductor materials.  
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 materials.  
Courses | V + R (no information on SWS (weekly contact hours) and course language available)  
Method of assessment | a) written examination (approx. 90 minutes) or b) talk (approx. 30 minutes) or c) oral examination of one candidate each or oral examination in groups (approx. 30 minutes) or 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)