Module title: Nanoparticle Synthesis and Structuring Technologies (Master)
Abbreviation: 08-NM-NS-MA-072-m01

Module coordinator: Dean of Studies Chemie and Pharmazie (Chemistry and Pharmacy)
Module offered by: Chair of Chemical Technology of Material Synthesis

ECTS: 6
Method of grading: numerical grade
Only after succ. compl. of module(s): --
Duration: 1 semester
Module level: graduate
Other prerequisites: --

Contents:
Fundamentals as well as specific knowledge and skills for engineering work in the application directions power engineering, electronics and photonics and biophysical applications and the technology fields of materials science, nano-structuring technologies and components and system development, in particular in the area of nanoparticle synthesis and structuring technologies.

Intended learning outcomes:
The student has advanced knowledge in at least one application area or technology focus of engineering work, with a particular focus on nanoparticle analysis and structuring technologies.

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:
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Additional information:
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Referred to in LPO I (examination regulations for teaching-degree programmes):
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Module appears in:
Master's degree (1 major) Nanostructure Technology (2010)
Master's degree (1 major) FOKUS Physics - Nanostructuring Technology (2010)
Master's degree (1 major) FOKUS Physics - Nanostructuring Technology (2006)