### Module description

**Module title**
Nanoparticle Synthesis and Structuring Technologies

**Abbreviation**
08-NM-NS-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)**
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**Duration**
1 semester

**Module level**
undergraduate

**Other prerequisites**
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### 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
Bachelor' degree (1 major) Nanostructure Technology (2008)
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