### Module description

**Module title**

Nanomatrix Biomedical Materials

**Abbreviation**

03-NM-BW-072-m01

**Module coordinator**

chairperson of examination committee of the Master's degree programme Human-Computer Interaction

**Module offered by**

Faculty of Medicine

**ECTS**

6

**Method of grading**

numerical grade

Only after succ. compl. of module(s)

**Duration**

1 semester

**Module level**

undergraduate

**Other prerequisites**

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**Contents**

Fundamentals and specific knowledge for engineering work in the application areas power engineering, electronics and photonics and biophysical applications as well as the technology focuses materials science, nanostructuring technologies and components and system development, especially in the area of biomedical materials.

**Intended learning outcomes**

Students have developed an advanced knowledge in at least one application area or technology focus of engineering work, with a particular focus on biomedical materials.

**Courses**

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

**Method of assessment**

(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

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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