### Module title

**Material Science 1 (basic introduction)**

### Abbreviation

08-FS1-091-m01

### Module coordinator

Dean of Studies Funktionswerkstoffe (Functional Materials)

Chair of Chemical Technology of Material Synthesis

### Module offered by

Dean of Studies Funktionswerkstoffe (Functional Materials)

Chair of Chemical Technology of Material Synthesis

### ECTS

5

### 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

This module discusses the fundamental relations between chemical bonding, the structure, the microstructure and the properties of materials.

### Intended learning outcomes

Students have become familiar with the fundamental relations between chemical bonding, the structure, the microstructure and the properties of materials. They have developed the ability to apply them to research problems.

### Courses

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

### Method of assessment

Written examination (90 minutes)

### Allocation of places

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### Additional information

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### Referred to in LPO I

(examination regulations for teaching-degree programmes)

### Module appears in

Bachelor' degree (1 major) Technology of Functional Materials (2009)