Module title: Material Science 2 (The Material Groups)

Abbreviation: 08-FU-MaWi2-152-m01

Module coordinator: holder of the Chair of Chemical Technology of Material Synthesis

Module offered by: Chair of Chemical Technology of Material Synthesis

ECTS: 5

Method of grading: numerical grade

Only after succ. compl. of module(s): --

Duration: 1 semester

Module level: undergraduate

Other prerequisites: --

Contents:

Intended learning outcomes:
The students acquire fundamental knowledge about fabrication and properties of the major classes of materials and are able to apply this to scientific problems.

Courses:
(type, number of weekly contact hours, language — if other than German)
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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 to 180 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or d) log (approx. 20 pages) or e) presentation (approx. 30 minutes)
Language of assessment: German and/or English

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’s degree (1 major) Nanostructure Technology (2015)
Bachelor’s degree (1 major) Functional Materials (2015)
Master’s degree (1 major) Chemistry (2016)
Master’s degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)
Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)
Master’s degree (1 major) Chemistry (2018)
Master’s degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)
Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)
Bachelor’s degree (1 major) Nanostructure Technology (2020)
Bachelor’s degree (1 major) Functional Materials (2021)
Bachelor’s degree (1 major) Quantum Technology (2021)