Module title: Mathematical Continuum Mechanics

Abbreviation: 10-M=VKOM-161-m01

Module coordinator: Dean of Studies Mathematik (Mathematics)
Module offered by: Institute of Mathematics

ECTS: 5
Method of grading: numerical grade
Only after succ. compl. of module(s): --

Duration: 1 semester
Module level: graduate
Other prerequisites: --

Contents:
Partial differential equations and/or variational methods in the context of continuum mechanics.

Intended learning outcomes:
The student masters the mathematical methods in mathematical continuum mechanics and knows about their main fields of application.

Courses:
V (3) + Ü (1)
Module taught in: German and/or English

Method of assessment:
a) written examination (approx. 60 to 90 minutes, usually chosen) or b) oral examination of one candidate each (approx. 15 minutes) or c) oral examination in groups (groups of 2, approx. 10 minutes per candidate)
Assessment offered: In the semester in which the course is offered and in the subsequent semester
Language of assessment: German or English
creditable for bonus

Allocation of places:
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Additional information:
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Referred to in LPO 1 (examination regulations for teaching-degree programmes):
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Module appears in:
Master's degree (1 major) Mathematics (2016)
Master's degree (1 major) Mathematical Physics (2016)
Master's degree (1 major) Computational Mathematics (2016)
Master's teaching 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) Computational Mathematics (2019)
Master's degree (1 major) Mathematics (2019)