**Module title**  
Mathematical Continuum Mechanics

**Abbreviation**  
10-M=VKOMin-152-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)**  
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**Duration**  
1 semester

**Module level**  
Graduate

**Other prerequisites**  
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**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**  
(type, number of weekly contact hours, language — if other than German)

V (3) + Ü (1)

Module taught in: English

**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. 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: 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**

Master's degree (1 major) Mathematics International (2015)
Master's degree (1 major) Mathematics International (2021)