### Module description

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<th>Module title</th>
<th>Abbreviation</th>
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<tr>
<td>Overview Numerical Mathematics 2 and Modelling for Computational Mathematics</td>
<td>10-M-NMC-Ü-152-m01</td>
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**Module coordinator**

Dean of Studies Mathematik (Mathematics)

**Module offered by**

Institute of Mathematics

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<th>ECTS</th>
<th>Method of grading</th>
<th>Module level</th>
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<td>12</td>
<td>numerical grade</td>
<td>undergraduate</td>
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**Contents**


**Intended learning outcomes**

The student is acquainted with fundamental concepts and methods in modeling, scientific computing and numerical mathematics. He/She is able to relate these concepts with one another, and realises the advantages of thinking across the borders of different branches in mathematics.

**Courses**

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

- V (4) + Ü (2)

**Method of assessment**

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

- oral examination of one candidate each (20 to 40 minutes)

Assessment will have reference to the contents of modules 10-M-NMC-Ü and 10-M-MWR.

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’ degree (1 major) Computational Mathematics (2015)