### Module title

**Modelling and Computational Science**

### Abbreviation

10-M-MWR-092-m01

### Module coordinator

Dean of Studies Mathematik (Mathematics)

### Module offered by

Institute of Mathematics

### ECTS

8

### 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


### Intended learning outcomes

The student masters the fundamental mathematical methods and techniques to simulate processes from natural and engineering sciences on a computer.

### Courses

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<th>Language</th>
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<td>V + Ü</td>
<td>(no information on SWS)</td>
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### Method of assessment

(usually chosen) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2, approx. 30 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) Nanostructure Technology (2010)
Bachelor’ degree (1 major) Mathematical Physics (2009)
Bachelor’ degree (1 major) Computational Mathematics (2009)