**Module title**  
Mathematics for Economists 2

**Abbreviation**  
10-M-MWW2-152-m01

**Module coordinator**  
Dean of Studies Mathematik (Mathematics)

**Module offered by**  
Institute of Mathematics

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
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<tbody>
<tr>
<td>5</td>
<td>numerical grade</td>
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<table>
<thead>
<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
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<tbody>
<tr>
<td>1 semester</td>
<td>undergraduate</td>
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**Contents**

Theory of real-valued functions in several variables and basics in linear algebra.

**Intended learning outcomes**

The student deepens his/her knowledge in analysis and learns basic linear algebra. He/She is able to apply these methods to simple problems in economical modelling.

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

V (2) + T (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)

written examination (approx. 120 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)

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**Module appears in**

Bachelor’ degree (1 major) Business Management and Economics (2015)  
Bachelor’ degree (1 major) Business Information Systems (2015)  
Bachelor’ degree (1 major) Business Information Systems (2016)  
Bachelor’ degree (1 major) Business Information Systems (2019)  
Bachelor’ degree (1 major) Business Management and Economics (2019)