# Bachelor of Science in Mathematics

## Study plan autumn semester 2024

### Academic Semester
01.08.2024 - 31.01.2025

### Kick-off day
31.08.2024 (online)

## Examination period
11.01.2025 - 25.01.2025

## Re-examinations

<table>
<thead>
<tr>
<th>Date</th>
<th>11.01.</th>
<th>18.01.</th>
<th>25.01.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Event 1</td>
<td>M 01</td>
<td>M 03</td>
<td>M 08</td>
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<tr>
<td>Event 2</td>
<td>M 02</td>
<td>M 04</td>
<td>M 05</td>
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<td>Event 3</td>
<td>M 06</td>
<td>M 07</td>
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<td>Event 4</td>
<td>M 01</td>
<td>M 03</td>
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<tr>
<td>Event 5</td>
<td>M 02</td>
<td>M 08</td>
<td>M 09</td>
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## Module-No. | Module name | Semester
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M 01 | Algorithmics | 1
M 02 | Statistics and Discrete Structures | 1
M 03 | Analysis I | 2
M 04 | Linear Algebra I | 2
M 05 | Analysis II | 3
M 06 | Linear Algebra II | 3

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## Module-No. | Module name | Semester
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M 07 | Analysis III | 4/5
M 09 | Introduction to Numerics | 4/5
M 10 | Mathematical Modelling | 4/5
M 11 | Algebra | 4/5
M 13 | Differential Geometry | 4/5
M 08 | Probability | 6/7
M 14 | Number Theory | 6/7
M 16 | Optimization & Machine Learning | 6/7

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## Module-No. | Module name | Semester
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M 15 | Introduction to Complex & Functional Analysis | 6/7
M 12 | Theory and Numerics of ODEs | 8/9
M 17 | Theory and Numerics of PDEs | 8/9
M 18 | Seminar on special topics | 8/9
M 19 | Module from another Faculty | 8/9
M 20 | Bachelor Thesis | 8/9

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If there are any changes from the listed dates or form of examination, the module team will contact the concerned students directly.

The re-examinations for modules M01 - M06 take place on the regular examination date in the following semester.

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We reserve the right to make changes. Version 22.05.2024