# Bachelor of Science in Mathematics
## Study plan spring semester 2023

**Academic Semester:** 01.02.2023 - 31.07.2023

**Kick-off day:** 28.01.2023 (online)

<table>
<thead>
<tr>
<th>Date</th>
<th>Event 1</th>
<th>Event 2</th>
<th>Event 3</th>
<th>Event 4</th>
<th>Event 5</th>
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<tbody>
<tr>
<td>09:15 - 12:15</td>
<td>M 01</td>
<td>M02</td>
<td>M10</td>
<td>M01</td>
<td>M03</td>
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<td>M01</td>
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<td>13:15 - 16:15</td>
<td>M06</td>
<td>M11</td>
<td>M04</td>
<td>M02</td>
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**Examination period:** 10.06.2023 - 24.06.2023

<table>
<thead>
<tr>
<th>Date</th>
<th>Exams</th>
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<tbody>
<tr>
<td>09:15 - 11:15</td>
<td>M01</td>
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<tr>
<td>14:15 - 16:15</td>
<td>M06</td>
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Location event and exams
Lucerne. Information concerning the presence or online events will follow as soon as possible.

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

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**Module-No.** | **Module name**                  | **Semester**
---|---------------------------------|---------|
M 01          | Algorithms                      | 1       |
M 02          | Statistics and Discrete Structures | 1      |
M 03          | Calculus I                      | 2       |
M 04          | Linear Algebra I                | 2       |
M 05          | Calculus II                     | 3       |
M 06          | Linear Algebra II               | 3       |
M 07          | Introd. to Complex & Functional Analysis | 4/5 |
M 08          | Stochastics                     | 4/5     |
M 09          | Introduction to Numerics        | 4/5     |
M 10          | Mathematical Modeling           | 4/5     |
M 11          | Algebra                         | 4/5     |
M 12          | Theory and Numerics of ODEs     | 6/7     |
M 13          | Geometry or Number Theory       | 6/7     |
M 14          | Differential Geometry           | 6/7     |
M 15          | Topology of Theory of Groups or Combinatorics | 6/7 |
M 16          | Optimization and Machine Learning | 6/7  |
M 17          | Theory and Numerics of PDEs (integrated Lab) | 8/9 |
M 18          | Bachelor Thesis (integrated Seminar) | 8/9  |
M 19          | Elective Module from another Faculty | 8/9  |
M 20          | Bachelor Thesis (integrated Seminar) | 8/9  |

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We reserve the right to make changes. Version 26.09.2022