Master degree programmes **Human Movement Sciences / Sport Sciences** 2020-2021

Core - 75 ECTS

- Specialization part 1+2  10 ECTS
- Compulsory course units  10 ECTS
- Review article  10 ECTS

Graduation project  40 ECTS

Extension - 45 ECTS

- Internal profile course units  ≤ 30 ECTS
  (Within the dept. of Human Movement Sciences)

- External profile course units  ≤ 20 ECTS
  (Outside the dept. of Human Movement Sciences, e.g. at another faculty of the UG or at another university)

- Academic assignments  ≤ 20 ECTS

Core (left panel): elements in recommended order. Graduation project usually starts in the 2nd year, entry condition is 40 ECTS from the 1st year (including review and Specialization part 1 + 2).

Extension (right panel): Possibilities to fill the extension space.
### 1st year (60 ECTS)

<table>
<thead>
<tr>
<th>Block 1</th>
<th>Block 2</th>
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<th>Block 4</th>
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<tbody>
<tr>
<td><strong>Core: specialization course</strong>&lt;br&gt;- Rehabilitation part 1 or&lt;br&gt;- Healthy ageing part 1 or&lt;br&gt;- Sport part 1</td>
<td><strong>Core: specialization course</strong>&lt;br&gt;- Rehabilitation part 2 or&lt;br&gt;- Healthy ageing part 2 or&lt;br&gt;- Sport part 2</td>
<td><strong>Core: specialization course</strong>&lt;br&gt;- Review article 10 ECTS</td>
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<td><strong>Extension 10 ECTS</strong>&lt;br&gt;<strong>Internal courses</strong>&lt;br&gt;- Motor control&lt;br&gt;- Neuromechanics&lt;br&gt;- Course unit part 1 from another specialization&lt;br&gt;- Introduction to teaching (mentor system)</td>
<td><strong>Core compulsory course:</strong>&lt;br&gt;Advanced statistics</td>
<td><strong>Extension 10 ECTS</strong>&lt;br&gt;<strong>Internal courses</strong>&lt;br&gt;- Sport and Talent&lt;br&gt;- Introduction to dynamical systems&lt;br&gt;- Structural equation modelling&lt;br&gt;- Perception and action</td>
<td><strong>Core compulsory course:</strong>&lt;br&gt;Philosophy of science and ethics</td>
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<td><strong>Extension 5 ECTS</strong>&lt;br&gt;<strong>Internal course</strong>&lt;br&gt;- Physiology of training and exercise&lt;br&gt;- Clinical Mobility Lab</td>
<td><strong>External course</strong>&lt;br&gt;<strong>Academic assignment</strong>&lt;br&gt;- Introduction to teaching (mentor system)</td>
<td><strong>External course</strong>&lt;br&gt;<strong>Academic assignment</strong>&lt;br&gt;- Signal acquisition and analysis&lt;br&gt;- Big data in Sport Science and HMS</td>
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**Start Master Monitor...**

### 2nd year (60 ECTS)

| **Core:** Master Graduation Project (40 ECTS) and Master Monitor (5 ECTS) | **Extension:** Academic assignments and/or Internal/External course units (15ECTS) | **...finalize Master Monitor** |

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1. Choosing an extra specialization course unit is only possible during the first block.
2. Introduction to teaching /mentor system (5 ECTS) runs over all four blocks.
3. Master Monitor (5 ECTS) runs over the two master years.
4. Entry condition is 40 ECTS from the 1st year (including review and Specialization part 1 + 2).