



Core (left panel): elements in recommended order. Graduation project starts in the 2<sup>nd</sup> year, entry condition is 40 ECTS from the 1<sup>st</sup> year (including review and specialization course 1 + 2).

Extension (right panel): Possibilities to fill the extension space.



## 1<sup>st</sup> year (60 ECTS)

Block 1	Block 2	Block 3	Block 4
<b>Specialization course I</b> >Rehab Rehabilitation and functional recovery BWM 150 OR >Ageing Mechanisms of motor function in ageing BWM160	<b>Specialization course II</b> >Rehab Disorders in motor control and current theories BWM 151 OR >Ageing Interventions targeting motor function and cognition in ageing BWM 161	<b>Core</b> Review article 10 ECTS BWM152 / BWM162	
<b>Core compulsory course</b> 3D-Movement analysis BWM176	<b>Core compulsory course</b> Advanced statistics BWM136	<b>Extension 10 ECTS</b>  <i>Internal courses</i> >Sport and talent BWM139 >Introduction to dynamical systems BWM142 >Perception and action BWM135 >Musculoskeletal modelling and biomechanics BWM177  <i>External course</i> Academic assignment	<b>Core compulsory course</b> Philosophy of science and ethics
<b>Extension 5 ECTS</b>  <i>Internal courses</i> > Motor control BWM137 > Course unit part 1 from the other specialization within HMS BWM150/BWM160 <sup>1</sup> > Introduction to teaching (mentor system) BWM440 <sup>2</sup>  <i>External course</i> Academic assignment	<b>Extension 5 ECTS</b>  <i>Internal course</i> >Physiology of training and exercise BWM134 >Clinical mobility lab BWM148  <i>External course</i> Academic assignment		<b>Extension 5 ECTS</b>  <i>Internal course</i> >Signal acquisition and analysis BWM145 >Big data in Sport Science and HMS BWM146  <i>External course</i> Academic assignment
<b>Start Master Monitor BWMMO...<sup>3</sup></b>			

## 2<sup>nd</sup> year (60 ECTS)

<b>Core:</b> Master Graduation Project (40 ECTS) <sup>4</sup> and Master Monitor BWMMO (5 ECTS)
<b>Extension:</b> Academic assignments and/or Internal/External course units (15ECTS)
<b>...finalize Master Monitor BWMMO</b>

<sup>1</sup> Choosing an extra specialization course unit is only possible during the first block.

<sup>2</sup> Introduction to teaching /mentor system (5 ECTS) runs over all four blocks.

<sup>3</sup> Master Monitor (5 ECTS) runs over the two master years. <sup>4</sup>Entry condition is 40 ECTS from the 1<sup>st</sup> year (including review and Specialization part 1 + 2).