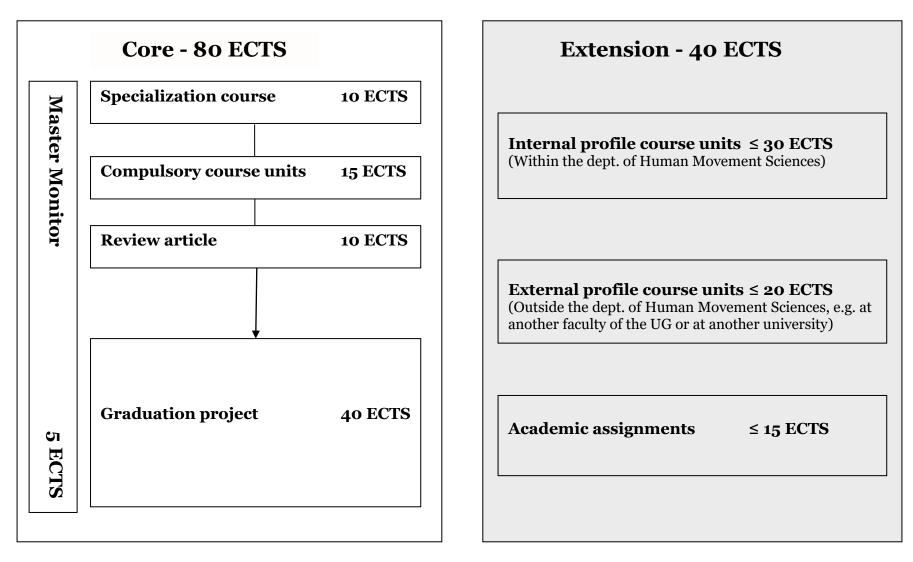
## Master degree programmes Human Movement Sciences 2024-2025



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).

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





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## 1st year (60 ECTS)

Block 1	Block 2	Block 3	Block 4
Specialization course master HMS		<b>Core</b> Literature review 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> > Perception and action	<b>Core compulsory course</b> Philosophy of science and ethics
Extension 5 ECTS Internal courses > Motor control BWM137 > Introduction to teaching (mentor system) BWM440 <sup>1</sup> External course Academic assignment	Extension 5 ECTSInternal course>Physiology of training and exercise BWM134> Introduction to dynamical systems BWM142External course Academic assignment	BWM135 > Sport and talent BWM139 > Clinical mobility lab BWM148 >Musculoskeletal modelling and biomechanics BWM177 External course Academic assignment	Extension 5 ECTS Internal course >Signal acquisition and analysis BWM145 >Big data in Sport Science and HMS BWM146 External course Academic assignment

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

Core: Master Graduation Project (40 ECTS)<sup>3</sup> and Master Monitor BWMMO (5 ECTS)

Extension: Academic assignments and/or Internal/External course units (15ECTS)

...finalize Master Monitor BWMMO

<sup>1</sup> Introduction to teaching /mentor system (10 ECTS) runs over all four blocks.

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





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