# Scheduled Structure of the master program „Sport and Exercise Science“

| | Biomechanics and Neuroscience | Exercise biology, training & health | Psychology & Social sciences | Research skills, Auxiliary subjects |
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| 1st semester: | Biomechanics, human movement and neuromechanical control (8 Credits) | Current topics in Exercise biology, Performance testing and Health (8 Credits) | Current social and political topics of sports in global societies (6 Credits) | Study design, ethics (5 Credits) |
| | Exam module „Debating“ (3 Credits) | | | |
| 2nd semester: | Biomechanical methods and application<br>Methods in human movement science<br>Methods in neuromechanics | Exercise biology methods<br>Methods of performance analysis and testing | Mind- Body Interactions for Health and Wellbeing<br>Intervention methods in performance psychology | Advanced statistics (5 Credits)<br>Scientific data processing (5 Credits) |
| | | *Choose 4 (5 credits each, at least 1 module of each strand)* | | |
| 3rd semester: | Movement science specialisation<br>Neuromuscular Control and Learning<br>Human robotics<br>Biomechanics for strength and conditioning in elite sports<br>Muscle function and human movement studies | Exercise biology specialisation<br>Performance analysis specialisation<br>Sports informatics | Psychophysiology of stress in sport<br>Participation and inclusion<br>Sponsorship-linked marketing<br>Qualitative research methods | Entrepreneurial idea development (5 Credits)<br>Softskills (free elective) (5 Credits) |
| | | *Choose 4 (5 credits each)* | | |
| 4th semester | Master´s Thesis (30 Credits) | | | |