

Module description: M.Sc. 'Sports Exercise and Human Performance'

Title of Module		Sport and Exercise Psychology					
Title of Module		Psychologie im Sport					
Degree Program		Sports, Exercise and Human Performance					
1	Module Number: M1	Status: <input checked="" type="checkbox"/> Mandatory Module <input type="checkbox"/> Elective Module					
2	Frequency: <input type="checkbox"/> every semester <input checked="" type="checkbox"/> every winter semester <input type="checkbox"/> every summer semester	Duration: <input checked="" type="checkbox"/> 1 semester <input type="checkbox"/> 2 semesters	Semester: 1	CP: 10	Workload (h): 300 h		
3	Module Structure:						
	No.	Type	Course	Status (mandatory/elective)	CP	Attendance (h + SWS¹)	Individual Study Time (h)
	1.	S	Theories, Models and Approaches in Sport and Exercise Psychology	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	5	45 (3 SWS)	105
	2.	S	Applications and Interventions in Sport and Exercise Psychology	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	5	45 (3 SWS)	105
4	Content of Module: The students gain, develop and deepen knowledge about specific concepts and theories within the field of sport and exercise psychology. Relevant models and scientific findings are deliberately discussed (e.g., social processes in sports, expertise, or health-related behavior). Here, the selection is based with regards to the 2. Seminar 'Applications and Interventions in Sport and Exercise Psychology', in which students expose and face applications and interventions from both a theoretical and practical perspective. In order to practice field-specific skills (conversation techniques, planning, developing and evaluating intervention programs), the students are also confronted with the athlete itself (e.g., psychological training in high-performance sports, sport psychological interventions in health sports), and related institutions (coaches, health groups, clubs, associations and insurances).						
5	Learning Outcomes: The students have an in-depth knowledge about the current scientific state of the art and are able to identify, assess and reflect the relevance and methodological quality of research findings on the basis of the taught content and practical application. Furthermore, the students acquired essential basic skills in guiding and advising clients, the planning and application of individual and/or group- or institution-based interventions and its evaluation in order to theoretically and practically apply gained knowledge directly into counseling situations.						
6	Options within the Module: None.						
7	Type of Examination: <input checked="" type="checkbox"/> Final Module Examination <input type="checkbox"/> Module Examination <input type="checkbox"/> Course Examinations						
8	Degree-Relevant Examination(s):						
	Number and form (e.g. written examination, oral examination); assigned to course no. ² :				Duration or length	Weighting of grade for module grade in %	
	Oral examination, incl. practical parts of Sport and Exercise Psychology				45 min	100 %	

Required Coursework:

	Number and form; assigned to course no.:	Duration or length
9	Short but precise coursework assignments including preparation, execution and postprocessing of complete seminars are required. Possible coursework requirements are session protocols (1-2 pages) or written/oral assignments (approx. 10 pages/10-15 minutes). The depending type of coursework will be announced in advance to the session. Length and extent are oriented on the respective content. Max. 2 of the mentioned coursework requirements will be demanded per session, e.g., one protocol and one oral examination.	
10	Requirements for Obtaining Credits (CP): The credit points of the module are awarded when the entire module has been completed successfully, i.e. all degree-relevant examinations and all required coursework.	
11	Weighting of Module Grade in Calculation of Final Overall Grade: 10 %	
12	Admission to Module: None.	
13	Attendance: No compulsory attendance in seminar 1 but in seminar 2.	
14	This Module is also an Element of the Following Degree Programs: None.	
15	Module Coordinator: Prof. Dr. Bernd Strauß	Faculty: FB07
16	Additional Information: -	

Module description: M.Sc. 'Sports Exercise and Human Performance'

Title of Module		Human Movement and Motion					
Title of Module		Bewegung des Menschen					
Degree Program		Sports, Exercise and Human Performance					
1	Module Number: M2	Status: <input checked="" type="checkbox"/> Mandatory Module <input type="checkbox"/> Elective Module					
2	Frequency: <input type="checkbox"/> every semester <input checked="" type="checkbox"/> every winter semester <input type="checkbox"/> every summer semester	Duration: <input checked="" type="checkbox"/> 1 semester <input type="checkbox"/> 2 semesters	Semester: 1	CP: 10	Workload (h): 300 h		
3	Module Structure:						
	No.	Type	Course	Status (mandatory/elective)	CP	Attendance (h + SWS¹)	Individual Study Time (h)
	1.	S	Advanced Theories in Motor Control and Learning	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	5	45 (3 SWS)	105
	2.	S	Biomechanics of Human Movement	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	5	45 (3 SWS)	105
4	<p>Content of Module:</p> <p>First and foremost, a profound understanding of human movements and motions requires an in-depth biomechanical knowledge. However, motor control and learning are also concrete scientific fields of research, focusing on the mechanical characteristics of the human body, involving the active and passive locomotion system, which is linked to the cognitive neurosciences in order to provide and enable an advanced insight into the complex process of movements in physical activities and sports performances.</p> <p>The module teaches and discusses established, as well as recent theories of motor control and movement on the basis of their physiological principles within the sensorimotor system. Therefore, the essential physiological concepts are discussed and evaluated in light of their influence and interplay towards the process of motor learning.</p> <p>In addition to this, a profound understanding of theoretical and experimental analysis of human movements requires knowledge in biomechanics. Physical concepts of kinematic and dynamic analyses of motions are developed and imparted, since this basic knowledge is necessary to execute and perform reliable and accurate movement analyses. Finally, the theoretical concepts of human movements are consolidated through practical calculations and simulations.</p>						
5	<p>Learning Outcomes:</p> <p>The students deepen their basic knowledge of theories in movement sciences, involving theoretical concepts and experimental methodologies of biomechanics, as well as recent relevant theories about motor control and motor learning.</p> <p>In particular, students show abilities in kinematic analyses of human movement, in order to judge and interpret the resulting datasets and patterns of muscular activities (EMG). Students are supposed to transfer these results onto current research questions regarding human movements. By doing so, students show further abilities in identifying complex dynamic systems, human movements and use relevant methodologies and theories regarding kinematic and dynamic analysis.</p>						
6	<p>Options within the Module:</p> <p>None.</p>						
7	<p>Type of Examination:</p> <p><input checked="" type="checkbox"/> Final Module Examination <input type="checkbox"/> Module Examination <input type="checkbox"/> Course Examinations</p>						

8	Degree-Relevant Examination(s):	
	Number and form (e.g. written examination, oral examination); assigned to course no. ² :	Duration or length
	Written Examination	90 min
		Weighting of grade for module grade in %
		100 %
Required Coursework:		
9	Number and form; assigned to course no.:	Duration or length
	Short but precise coursework assignments including preparation, execution and postprocessing of complete seminars are required. Possible coursework requirements are session protocols (1-2 pages) or written/oral assignments (approx. 10 pages/10-15 minutes). The depending type of coursework will be announced in advance to the session. Length and extent are oriented on the respective content. Max. 2 of the mentioned coursework requirements will be demanded per session, e.g., one protocol and one oral examination.	
10	Requirements for Obtaining Credits (CP): The credit points of the module are awarded when the entire module has been completed successfully, i.e. all degree-relevant examinations and all required coursework.	
11	Weighting of Module Grade in Calculation of Final Overall Grade: 10 %	
12	Admission to Module: None.	
13	Attendance: No compulsory attendance.	
14	This Module is also an Element of the Following Degree Programs: None.	
15	Module Coordinator: Prof. Dr. Heiko Wagner	Faculty: FB07
16	Additional Information: -	

Module description: M.Sc. 'Sports Exercise and Human Performance'

Title of Module							
Exercise and Sports Biology							
Title of Module							
Trainingswissenschaft und Sportbiologie							
Degree Program							
Sports, Exercise and Human Performance							
1	Module Number: M3		Status: <input checked="" type="checkbox"/> Mandatory Module <input type="checkbox"/> Elective Module				
2	Frequency: <input type="checkbox"/> every semester <input type="checkbox"/> every winter semester <input checked="" type="checkbox"/> every summer semester		Duration: <input checked="" type="checkbox"/> 1 semester <input type="checkbox"/> 2 semesters		Semester: 2	CP: 10	Workload (h): 300 h
3	Module Structure:						
	No.	Type	Course	Status (mandatory/elective)	CP	Attendance (h + SWS¹)	Individual Study Time (h)
	1.	S	Sports Biology	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	5	45 (3 SWS)	105
	2.	S	Advanced Theories in Human Performance and Exercise	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	5	45 (3 SWS)	105
4	Content of Module: The students work on profound field-related concepts and theories in the area of sports biology, and transfer those to the concepts of training sciences. This includes e.g., identification of induced loads of training and its requirements to the human body, as well as the execution of intervention programs and its effects on performance. Besides, concepts of various fields of applications within the training science (e.g., high-performance sports, fitness, health sports, sports in elderly) are intensified. Possible content to work on are analyses in sports, talent identification and accompanying research of training, as well as high-performance sports, nutrition and fitness, or basics in health-related aspects in elderly.						
5	Learning Outcomes: The students develop profound knowledge and the essential skills in order to understand, theories and biological concepts of training sciences, and can identify changes in human performances. Furthermore, students can approach and treat particular cohorts (e.g., high-performance sports or elderly) with specifically tailored training interventions and programs. Regarding this, students use and apply modern technologies in diagnostics and measurements techniques individually and purposefully, and can interpret and evaluate the results in order to provide coaches, therapists and patients with impactful information.						
6	Options within the Module: None.						
7	Type of Examination: <input checked="" type="checkbox"/> Final Module Examination <input type="checkbox"/> Module Examination <input type="checkbox"/> Course Examinations						
8	Degree-Relevant Examination(s):					Duration or length	Weighting of grade for module grade in %
	Number and form (e.g. written examination, oral examination); assigned to course no. ² : Written Examination						
						90 min	100 %

Required Coursework:

	Number and form; assigned to course no.:	Duration or length
9	Short but precise coursework assignments including preparation, execution and postprocessing of complete seminars are required. Possible coursework requirements are session protocols (1-2 pages) or written/oral assignments (approx. 10 pages/10-15 minutes). The depending type of coursework will be announced in advance to the session. Length and extent are oriented on the respective content. Max. 2 of the mentioned coursework requirements will be demanded per session, e.g., one protocol and one oral examination.	
10	Requirements for Obtaining Credits (CP): The credit points of the module are awarded when the entire module has been completed successfully, i.e. all degree-relevant examinations and all required coursework.	
11	Weighting of Module Grade in Calculation of Final Overall Grade: 10 %	
12	Admission to Module: None.	
13	Attendance: No compulsory attendance.	
14	This Module is also an Element of the Following Degree Programs: None.	
15	Module Coordinator: Prof. Dr. Eric Eils / N.N.	Faculty: FB07
16	Additional Information: -	

Module description: M.Sc. 'Sports Exercise and Human Performance'

Title of Module		Advanced Research Methods					
Title of Module		Vertiefende Wissenschaftsmethodik					
Degree Program		Sports, Exercise and Human Performance					
1	Module Number: M4	Status: <input checked="" type="checkbox"/> Mandatory Module <input type="checkbox"/> Elective Module					
2	Frequency: <input checked="" type="checkbox"/> every semester <input type="checkbox"/> every winter semester <input type="checkbox"/> every summer semester	Duration: <input type="checkbox"/> 1 semester <input checked="" type="checkbox"/> 2 semesters	Semester: 1-2	CP: 20	Workload (h): 600 h		
3	Module Structure:						
	No.	Type	Course	Status (mandatory/lective)	CP	Attendance (h + SWS¹)	Individual Study Time (h)
	1	S	Analysis of Complex Datasets – Employing Advanced Statistical Methods	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	5	60 (4 hrs/week)	90
	2	S	Inverse Dynamics of Human Movement	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	5	60 (4 hrs/week)	90
	3	S	Forward Dynamics of Human Movement	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	5	60 (4 hrs/week)	90
4	S	Neurodynamics of Human Movement	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	5	60 (4 hrs/week)	90	
4	Content of Module: This module imparts advanced statistical analyses (multi-level analysis, structure equation modelling, bid data, etc.) for experimental and analytical datasets and -sources. In addition to this, this module provides profound knowledge of methodological competences to experimentally analyze human movements as well as electromyographical and neuroscientific datasets. Here, students enjoy the extraordinary well-equipped movement laboratory of the institute to acquire and apply first-hand measurement techniques. However, since the explanation of in-depth movement analyses require complex computational models, students are further on supposed to achieve skills in the development and acquisition of suchlike technologies within this module.						
5	Learning Outcomes: The students achieve skills in modern methods in analyzing human movements. Thereby, complex datasets are developed and are individually analyzed by help of statistical methodologies. Besides, analyses of human movements are theoretically and practically performed and intensively discussed. Therefore, modern computer technologies are used and applied in order to prove theories of motion control, neuronal processing of sensomotoric, forward dynamics. For this, students use current findings in the scientific literature as well as relevant projects of the depending working departments.						
6	Options within the Module: None.						
7	Type of Examination: <input checked="" type="checkbox"/> Final Module Examination <input type="checkbox"/> Module Examination <input type="checkbox"/> Course Examinations						
8	Degree-Relevant Examination(s):				Duration or length	Weighting of grade for module grade in %	
	Number and form (e.g. written examination, oral examination); assigned to course no. ² : Written Examination						
				90 min	100 %		

	Required Coursework:	
9	Number and form; assigned to course no.:	Duration or length
	Short but precise coursework assignments including preparation, execution and postprocessing of complete seminars are required. Possible coursework requirements are session protocols (1-2 pages) or written/oral assignments (approx. 10 pages/10-15 minutes). The depending type of coursework will be announced in advance to the session. Length and extent are oriented on the respective content. Max. 2 of the mentioned coursework requirements will be demanded per session, e.g., one protocol and one oral examination.	
10	Requirements for Obtaining Credits (CP): The credit points of the module are awarded when the entire module has been completed successfully, i.e. all degree-relevant examinations and all required coursework.	
11	Weighting of Module Grade in Calculation of Final Overall Grade: 15 %	
12	Admission to Module: None.	
13	Attendance: No compulsory attendance.	
14	This Module is also an Element of the Following Degree Programs: None.	
15	Module Coordinator: Prof. Dr. Heiko Wagner	Faculty: FB 07
16	Additional Information: The seminar S1 is distributed over the first and second semester with 2 hrs/week each.	

Module description: M.Sc. 'Sports Exercise and Human Performance'

Title of Module							
Skills in Scientific Labor Markets							
Title of Module							
Kompetenzen für akademische Arbeitsmärkte							
Degree Program							
Sports, Exercise and Human Performance							
1	Module Number: M5		Status: <input checked="" type="checkbox"/> Mandatory Module <input type="checkbox"/> Elective Module				
2	Frequency: <input type="checkbox"/> every semester <input type="checkbox"/> every winter semester <input checked="" type="checkbox"/> every summer semester		Duration: <input type="checkbox"/> 1 semester <input checked="" type="checkbox"/> 2 semesters		Semester: 2, 4	CP: 16	Workload (h): 480 h
3	Module Structure:						
	No.	Type	Course	Status (mandatory/lective)	CP	Attendance (h + SWS¹)	Individual Study Time (h)
	1	S	Funding and Planning Research	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	4	30 (2 hrs/week)	90
	2	S	Management and Leadership in Research	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	4	30 (2 hrs/week)	90
	3	S	Communicating Research	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	4	30 (2 hrs/week)	90
	4	S	Course provided by the Career Service preferably on job field occupation	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	2	15 (1 hr/week)	45
5	S	Course provided by the career service preferably on job search and application	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	2	15 (1 hr/week)	45	
4	Content of Module: Within this module, students receive an introduction into aspects of job-related managerial functions, project planning and financing ('Funding and planning research'). Furthermore, the seminar 'management and leadership in research' teaches students about special characteristics of managing and leading personnel within the field of scientific and academic research. This is necessary, since the occupation in science, in the applied field of science and in the transfer of knowledge requires skills in communicating complex research questions in the most efficient manner. Therefore, the seminar 'communicating research' teaches basics in fundamental insights into scientific communication. Finally, students reflect their professional aims and career goals, as well as their individual profile in two courses offered by the University's 'Career Service' in order to achieve personal strategies for job hunting. Preferably, students attend courses in both 'career orientation' and 'search for employment/application'. As the courses of the Career Service are usually held in the German language, foreign students are recommended to attend German courses alternatively to job hunting seminars.						
5	Learning Outcomes: Students get in touch with the different opportunities of supportive institutions and the demands of job hunting. Further on, they achieve basic competences in planning scientific projects and gain knowledge in specifics of leadership in research organizations. In addition to this, students are offered the opportunity to develop practical skills in processing scientific results. Ultimately, students can interpret and transfer the seminar content onto the job market, analyze it and build their own social network. These skills are fundamental for a successful application and the entrance to the market.						
6	Options within the Module: None.						
7	Type of Examination: <input type="checkbox"/> Final Module Examination <input type="checkbox"/> Module Examination <input checked="" type="checkbox"/> Course Examinations						

8	Degree-Relevant Examination(s):		
	Number and form (e.g. written examination, oral examination); assigned to course no. ² :	Duration or length	Weighting of grade for module grade in %
	Written Examination 'Funding, Planning, Managing and Leading Research'	90 min	50 %
	Written term paper 'Communicating Research'	10 pages	50 %

9	Required Coursework:	
	Number and form; assigned to course no.:	Duration or length
	Short but precise coursework assignments including preparation, execution and postprocessing of complete seminars are required. Possible coursework requirements are session protocols (1-2 pages) or written/oral assignments (approx. 10 pages/10-15 minutes). The depending type of coursework will be announced in advance to the session. Length and extent are oriented on the respective content. Max. 2 of the mentioned coursework requirements will be demanded per session, e.g., one protocol and one oral examination.	
	Portfolio of an individual competence profile	15 pages
	Coursework assignment based on the requirements of the Career Service (S4, S5)	

10	Requirements for Obtaining Credits (CP): The credit points of the module are awarded when the entire module has been completed successfully, i.e. all degree-relevant examinations and all required coursework.
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11	Weighting of Module Grade in Calculation of Final Overall Grade: 10 %
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12	Admission to Module: None.
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13	Attendance: No compulsory attendance.
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14	This Module is also an Element of the Following Degree Programs: None.
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15	Module Coordinator: Prof. Dr. Henk Erik Meier	Faculty: FB 07
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16	Additional Information: -
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Module description: M.Sc. 'Sports Exercise and Human Performance'

Title of Module		<u>Current Research Project</u>					
Title of Module		<u>Aktuelles Forschungsprojekt</u>					
Degree Program		<u>Sports, Exercise and Human Performance</u>					
1	Module Number: M6	Status: <input checked="" type="checkbox"/> Mandatory Module <input type="checkbox"/> Elective Module					
2	Frequency: <input type="checkbox"/> every semester <input checked="" type="checkbox"/> every winter semester <input type="checkbox"/> every summer semester	Duration: <input checked="" type="checkbox"/> 1 semester <input type="checkbox"/> 2 semesters	Semester: 3	CP: 15	Workload (h): 450 h		
3	Module Structure:						
	No.	Type	Course	Status (mandatory/elective)	CP	Attendance (h + SWS¹)	Individual Study Time (h)
	1	S	The craft of drafting relevant research reviews	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	3	30 (2 SWS)	60
	2	P	Participating in paper writing	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	7		210
	3	P	Research Project	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	5		150
4	Content of Module: The module elaborates the development of literature overviews of recent fields of research, which entails that the students face different databases, the underlying selection system, their style of structuring as well as the identification of gaps in the scientific literature based upon the analyzed searching results. This represents an essential competence in the aimed field of employment. Within the introduction seminar, students get to know key concepts and example cases of succeeded literature overviews, whereas the remaining components of the module rather focus on the active participation in paper writing and their underlying projects in Münster or abroad. Furthermore, students individually conduct and perform their own research project within a field of their choice.						
5	Learning Outcomes: Students are able to develop specific literature overviews of relevant topics in research, showing the current state of the art accurately. Besides, controversies and remaining questions are identified and used to create new, own gap-closing project.						
6	Options within the Module: None.						
7	Type of Examination: <input checked="" type="checkbox"/> Final Module Examination <input type="checkbox"/> Module Examination <input type="checkbox"/> Course Examinations						
8	Degree-Relevant Examination(s): Number and form (e.g. written examination, oral examination); assigned to course no. ² :					Duration or length	Weighting of grade for module grade in %
	Written term paper or scientific paper					7000 Words	100 %

Required Coursework:

	Number and form; assigned to course no.:	Duration or length
9	Seminars will be presented as blocked events to ensure the targeted travel period.	
10	Requirements for Obtaining Credits (CP): The credit points of the module are awarded when the entire module has been completed successfully, i.e. all degree-relevant examinations and all required coursework.	
11	Weighting of Module Grade in Calculation of Final Overall Grade: 10 %	
12	Admission to Module: None.	
13	Attendance: Compulsory attendance is required.	
14	This Module is also an Element of the Following Degree Programs: None.	
15	Module Coordinator: Dr. Dennis Dreiskämper	Faculty: FB07
16	Additional Information: -	

Module description: M.Sc. 'Sports Exercise and Human Performance'

Title of Module		Professional specialization and project design					
Title of Module		Professionelle Spezialisierung und Projektdesign					
Degree Program		Sports, Exercise and Human Performance					
1	Module Number: M7	Status: <input checked="" type="checkbox"/> Mandatory Module <input type="checkbox"/> Elective Module					
2	Frequency: <input type="checkbox"/> every semester <input checked="" type="checkbox"/> every winter semester <input type="checkbox"/> every summer semester	Duration: <input checked="" type="checkbox"/> 1 semester <input type="checkbox"/> 2 semesters	Semester: 3	CP: 15	Workload (h): 450 h		
3	Module Structure:						
	No.	Type	Course	Status (mandatory/elective)	CP	Attendance (h + SWS¹)	Individual Study Time (h)
	1	S	Preparation and Retrospection	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	2	30 (2 SWS)	30
	2		Work Experience	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	11	0	330
	3	Online	'The tens steps of an internship' – E-Learning unit by the Career Service)	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	2		60
4	Content of Module: The two-part seminar will be used for the general preparation and retrospection of the project, that is ideally fulfilled as a scientific internship in an external research institute. The seminars' introduction classes will provide information regarding specifics and requirements of a specializing project, and fundamental questions concerning the writing and development of the resulting internship report are discussed. In principal, the project will be planned, organized and executed individually by the students and in consultation with the receiving institute. The project is supposed to aim for a practical and applied deepening of the learned content during the study program, and is therefore recommended to be performed at e.g., a sport psychological institute in professional sports, an Olympic center or at a national sport academy. The minimum amount of working hours spent is 330h. The internship can be done either during the semester, or during the semester break. Both, the preparation and the retrospection will be accompanied by e-learning workshops provided by the Career Service.						
5	Learning Outcomes: The project is supposed to provide experiences and strains of everyday life within research occupations. The students should transfer theoretical content and knowledge onto the applied level, in order to achieve new skills and competences, which are likewise useful for further studies, projects and work life. In addition to this, the internship will be used to come across potential topics for the master thesis and to network with possible employers for the future.						
6	Options within the Module: None.						
7	Type of Examination: <input checked="" type="checkbox"/> Final Module Examination <input type="checkbox"/> Module Examination <input type="checkbox"/> Course Examinations						
8	Degree-Relevant Examination(s):				Duration or length	Weighting of grade for module grade in %	
	Number and form (e.g. written examination, oral examination); assigned to course no. ² : Written portfolio about the internship						
					10-15 pages	100 %	

	Required Coursework:	
9	Number and form; assigned to course no.:	Duration or length
10	Requirements for Obtaining Credits (CP): The credit points of the module are awarded when the entire module has been completed successfully, i.e. all degree-relevant examinations and all required coursework.	
11	Weighting of Module Grade in Calculation of Final Overall Grade: 15 %	
12	Admission to Module: None.	
13	Attendance: Attendance at the internship position.	
14	This Module is also an Element of the Following Degree Programs: None.	
15	Module Coordinator: Dr. Dennis Dreiskämper	Faculty: FB07
16	Additional Information: -	

Module description: M.Sc. 'Sports Exercise and Human Performance'

Title of Module		Master module					
Title of Module		Mastermodul					
Degree Program		Sports, Exercise and Human Performance					
1	Module Number: M8	Status: <input checked="" type="checkbox"/> Mandatory Module <input type="checkbox"/> Elective Module					
2	Frequency: <input checked="" type="checkbox"/> every semester <input type="checkbox"/> every winter semester <input type="checkbox"/> every summer semester	Duration: <input checked="" type="checkbox"/> 1 semester <input type="checkbox"/> 2 semesters	Semester: 4	CP: 24	Workload (h): 720 h		
3	Module Structure:						
	No.	Type	Course	Status (mandatory/lective)	CP	Attendance (h + SWS¹)	Individual Study Time (h)
	1		Master thesis with disputation	<input checked="" type="checkbox"/> m <input type="checkbox"/> e	24		720
4	Content of Module: As part of this module, the students develop a master thesis independently. Therefore, the students design a specific research question and a methodological approach. Datasets and resulting analyses are to be done self-reliantly, whereas fundamental questions and issues will be assisted by the supervisors (finding a topic, develop concepts, data analysis, etc.)						
5	Learning Outcomes: The master thesis including the disputation deepens the students' knowledge and competences in independent and scientific thinking and work. Besides the functional content, essential qualifications of scientific work and specifics will be achieved and consolidated by developing the thesis. This includes skills in communication, literature search, writing of scientific papers as well as the presentation and critical evaluation of the found results.						
6	Options within the Module: The development of the master thesis in cooperation with external partners is possible.						
7	Type of Examination: <input checked="" type="checkbox"/> Final Module Examination <input type="checkbox"/> Module Examination <input type="checkbox"/> Course Examinations						
8	Degree-Relevant Examination(s):					Duration or length	Weighting of grade for module grade in %
	Number and form (e.g. written examination, oral examination); assigned to course no. ² :						
	Development of a master thesis. Two supervisors will grade the thesis after the disputation was passed successfully. Here, the student is supposed to report about content and results of the thesis. The module grade is equal to the thesis grade.					80 pages max	100 %

Required Coursework:

	Number and form; assigned to course no.:	Duration or length
9	Disputation with presence of both supervisors	30-45 min
10	Requirements for Obtaining Credits (CP): The credit points of the module are awarded when the entire module has been completed successfully, i.e. all degree-relevant examinations and all required coursework.	
11	Weighting of Module Grade in Calculation of Final Overall Grade: 20 %	
12	Admission to Module: Receiving the topic of the thesis requires a successful completion of the modules 1-7.	
13	Attendance: The theoretical and experimental work of the thesis requires an active participation of the student.	
14	This Module is also an Element of the Following Degree Programs: None.	
15	Module Coordinator: Prof. Dr. Bernd Strauß, Prof. Dr. Henk Erik Meier, Prof. Dr. Heiko Wagner, Prof. Dr. Eric Eils	Faculty: FB07
16	Additional Information: -	