

**Appendix: Module descriptions**

<b>Degree Programme</b>	<b>Bachelor of Science 'Human Movement in Sports and Exercise'</b>
<b>Module</b>	<b>Basic Module</b>
<b>Module Number</b>	<b>1</b>

<b>1</b>	<b>Basic information</b>
Semester	1
Credit points (CP)	12
Workload (h) - total	360
Duration of module	1 semester
Status of module	mandatory Module

<b>2</b>	<b>Profile</b>
Objective of the module/integration into the curriculum	
The students should get to know the basic theories and areas of application in the field of expertise and health sport, as well as develop basic skills as minimum requirements for the specialist theoretical modules 5-9.	
Content of Module	
In Seminars 1 and 2, students get to know the basic theories, concepts, models, and methodological aspects of health and expertise studies. In Seminars 3 to 4, they develop the basic soft skills in working groups, such as communication skills, self- and time management, writing and presenting skills.	
Learning outcomes	
The students know the theoretical content and basic methodological approach of current health and expertise studies. They are able to give a scientific talk and to write short scientific texts. They acquire expertise in media, communication, cooperation, team building processes, and presentation techniques. The students are familiar with and able to apply the basic theories in this field to various sport settings. They are capable of looking into, reflecting on, and transferring their knowledge to new scientific areas autonomously.	

<b>3 Module Structure</b>						
Components of module						
No.	Type		Course	Status (mandatory/elective)	Workload (h)	
					Attendance (h)/SWS	Individual study time (h)
1	S		Health Studies	m	30	60
2	S		Expertise Studies	m	30	60
3	S		Communication, Cooperation, and Leadership in Groups	m	30	60
4	S		Writing and Presenting Skills	m	30	60
Options within the Module			none			

<b>4 Examination concept</b>					
Degree-Relevant Examination(s)					
No.		Type	Duration/ Length	course no.	Weighting for Module Grade
1		Final Module Examination	120 min.		100%
Weighting of Module Grade for Final Overall Grade					6%
Required Coursework					
No.		Type	Duration/ Length	course no.	
1		Short and extensive coursework is required for preparation, realization and post-processing. Short and extensive coursework includes e.g. protocols (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of assignments will be announced at the beginning of the seminar. The duration and extent of the assignments will depend on the content of the seminar.		no. 1	
2		Short and extensive coursework is required for preparation, realization and post-processing. Short and extensive coursework includes e.g. protocols (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of assignments will be announced at the beginning of the seminar. The duration and extent of the assignments will depend on the content of the seminar.		no. 2	
3		Short and extensive coursework is required for preparation, realization and post-processing. Short and extensive coursework includes e.g. protocols (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of assignments will be announced at the beginning of the seminar. The duration and extent of the assignments will depend on the content of the seminar.		no. 3	
4		Short and extensive coursework is required for preparation, realization and post-processing. Short and extensive coursework includes e.g. protocols (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of assignments will be announced at the beginning of the seminar. The duration and extent of the assignments will depend on the content of the seminar.		no. 4	

<b>Degree Programme</b>	<b>Bachelor of Science 'Human Movement in Sports and Exercise'</b>
<b>Module</b>	<b>Lecture module</b>
<b>Module Number</b>	<b>2</b>

<b>1</b>	<b>Basic information</b>
Semester	1
Credit points (CP)	13
Workload (h) - total	390
Duration of module	1 semester
Status of module	mandatory Module

<b>2</b>	<b>Profile</b>
Objective of the module/integration into the curriculum	
<p>The basic lectures of the module represent the basic knowledge for the following theoretical modules (5-9) and the own research work in the sub-subjects. Therefore, students should be taught all essential basics in the areas of Sport Institutions, Sport Medicine, Psychology and Biopsychology as well as Motor Development and Neuromotor Learning and Control in this module.</p>	
Content of Module	
<p>In "Sport Institutions and Participation", students gain an overview of how sports is organized and structured in Germany, Europe, and the world. In "Basics in Sports Medicine", they are provided with the essential concepts necessary to understand the effects of physical exercise on the human organism. The lecture "Neuromotor Learning and Control" conveys basic knowledge about how the central nervous system controls movements and actions. The lecture "Biological Psychology" addresses biological structures underlying human behaviour. In the lecture "Motor Development over the Lifespan", students become familiar with basic concepts regarding how motor skills develop and change as a result of physical activity.</p>	
Learning outcomes	
<p>Students acquire basic insights into the topics of the offered classes. In "Sport Institutions and Participation", students become able to identify structures of organized sport in Germany, Europe, and the world and how to work with them. In "Basics in Sports Medicine", they get to know essential concepts necessary to understand the effects of physical exercise on the human organism. In "Neuromotor Learning and Control", students acquire basic knowledge of the neural basis of motor control, e.g. spinal, reflexive and central aspects. In "Biological Psychology", they know biological structures that underlie human behaviour, movements, and actions; and finally, in "Motor Development over the Lifespan", students know concepts regarding the development of motor skills and how they change due to physical activity.</p>	

<b>3 Module Structure</b>						
Components of module						
No.	Course type		Course	Status (mandatory/elective)	Workload (h)	
					Attendance (h)/SWS	Individual study time (h)
1	L		Sport Institutions and Participation (Social and Psychological Issues)	m	30 (2 SWS)	30
2	L		Basics in Sports Medicine	m	30 (2 SWS)	30
3	L		Neuromotor Learning and Control	m	30 (2 SWS)	45
4	L		Biological Psychology	m	30 (2 SWS)	30
5	L		Motor Development over the Lifespan	m	30 (2 SWS)	45
6	L		Sport and Exercise Psychology	m	30 (2SWS)	30
Options within the Module			none			

<b>4 Examination concept</b>					
Degree-Relevant Examination(s)					
No.		Type	Duration/ Length	course no.	Weighting for Modul Grade
1		Exam in Sport Institutions and Participation und Sport Psychology (VL 1 und 6)	90 min.		30%
2		Exam in (VL 3 und 5) Neuromotor Learning and Control und Motor Development over the Lifespan	90 min.		40%
3		Exam in Biological Psychology und Sports Medi- cine (VL 2 und 4)	90 min.		30%
Weighting of Module Grade for Final Overall Grade				10%	
Required Coursework					
No.		Type	Duration/ Length	course no.	
1		none			

<b>5 Requirements</b>	
Module related participation requirements	none
Credit points	The credit points for the module are awarded if the module has been successfully completed overall, i.e. it has been demonstrated by passing all examinations and coursework that the learning outcomes assigned to the module have been acquired.
Attendance	Attendance of 80% is strongly recommended in all lectures, as extensive basic knowledge is taught for the entire course of study.

<b>6 CP - Distribution</b>		
Attendance (= time of presentness)	LV No. 1	1 CP
	LV No. 2	1 CP
	LV No. 3	1 CP
	LV No. 4	1 CP
	LV No. 5	1 CP
	LV No. 6	1 CP
Degree-Relevant Examination(s)	No. 1	2 CP
	No. 2	3 CP
	No. 3	2 CP
Sum CP		13 CP

<b>7 Module offer</b>	
Cycle/Timing	every WS
Module Coordinator	Prof. Dr. Eric Eils
Faculty	FB07

<b>8 Mobility/Recognition</b>	
Usability in other study programs	none
Module title	Lecture Module
English Translation of module component of field 3	are in english

<b>9 Additional Information</b>	
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<b>Degree Programme</b>	<b>Bachelor of Science 'Human Movement in Sports and Exercise'</b>
<b>Module</b>	<b>Professional Acting in Elite Sports</b>
<b>Module Number</b>	3

<b>1</b>	<b>Basic information</b>	
Semester	1.-6. Semester	
Credit points (CP)	11	
Workload (h) - total	330	
Duration of module	2 semesters	
Status of module	mandatory Module	

<b>2</b>	<b>Profile</b>
Objective of the module/integration into the curriculum	
The aim is to apply the theoretical knowledge in practical areas of competitive sport.	
Content of Module	
<p>The focus of this module is on imparting practical knowledge in different settings within elite sports. The basic seminar S1 delivers fundamental aspects of guiding, controlling, and evaluating physical training in sport groups in general (elite and health). Therefore, this seminar is also essential for Module 11. The student needs to pass four courses of physical training in elite sports in which concepts of training and interventions are experienced on a practical and reflected basis. Courses may include, but are not limited to, athletic training with young elite athletes, (beach) volleyball training for elite sports, and many others.</p>	
Learning outcomes	
<p>The students are able to plan, develop, and conduct elite sports programmes in the field. They know basic concepts regarding the evaluation and analysis of intervention effects. In all courses, students are encouraged to practically self-act. This enables them to draw on their personal experiences during evaluation, and they have to link these to scientific evaluation methods. Finally, based on their knowledge and experience, they are able to confidently handle different kinds of client.</p>	

<b>3 Module Structure</b>						
Components of module						
No.	Course type		Course	Status (mandatory/elective)	Workload (h)	
					Attendance (h)/SWS	Individual study time (h)
1	S		Fundamental Aspects of Guiding, Controlling, and Evaluating Physical Training in Elite Sport Groups	m	30 (2 SWS)	60
2	S		Physical Training in Elite Sports Course 1	m	30 (2 SWS)	30
3	S		Physical Training in Elite Sports Course 2	m	30 (2 SWS)	30
4	S		Physical Training in Elite Sports Course 3	m	30 (2 SWS)	30
5	S		Physical Training in Elite Sports Course 4	m	30 (2 SWS)	30
Options within the Module			The seminar “Fundamental Aspects of Guiding, Controlling, and Evaluating” is mandatory; attendance of the four courses on “Physical Training in Elite Sports” is also mandatory, but students can choose from a wide range of different courses.			

<b>4 Examination concept</b>					
Degree-Relevant Examination(s)					
No.		Type	Duration/ Length		Weighting for Module Grade
1		Portfolio or group exams in basic seminar S1; integrates aspects of the S2 courses	5 pages or 10 min per person		100%
Weighting of Module Grade for Final Overall Grade			2%		
Required Coursework					
No.		Type	Duration/ Length	course no.	
1		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 1	
2		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 2	
3		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses.		LV No. 3	

	Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		
4	Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 4
5	Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 5

<b>5</b>	<b>Requirements</b>	
Module related participation requirements	none	
Credit points	The credit points for the module are awarded if the module has been successfully completed overall, i.e. it has been demonstrated by passing all examinations and coursework that the learning outcomes assigned to the module have been acquired.	
Attendance	In all courses, 100% participation is recommended. In the basic seminar S1, 80% attendance is mandatory because the theoretical reference frame relevant for the whole module (and for Module 11) is conveyed and experienced interactively. In the four courses of physical training in elite sports, 80% attendance is mandatory because practical performance and real-world experience are necessary for continuous improvement.	

<b>6</b>	<b>CP - Distribution</b>	
Attendance (= time of presentness)	LV No. 1	1 CP
	LV No. 2	1 CP
	LV No. 3	1 CP
	LV No. 4	1 CP
	LV No. 5	1 CP
Degree-Relevant Examination(s)	No. 1	1 CP
Seminar task(s)	LV No. 1	1 CP
	LV No. 2	1 CP
	LV No. 3	1 CP
	LV No. 4	1 CP
	LV No. 5	1 CP
Sum CP		11 CP



<b>7</b>	<b>Module offer</b>	
Cycle/Timing	every semester	
Module Coordinator	Prof. Dr. Eric Eils	
Faculty	FB07	

<b>8</b>	<b>Mobility/Recognition</b>	
Usability in other study programs	none	
Module title	Professional Acting in Elite Sports	
English translation of module component of field 3	are in english	

<b>9</b>	<b>Additional Information</b>	
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<b>Degree Programme</b>	<b>Bachelor of Science 'Human Movement in Sports and Exercise'</b>
<b>Module</b>	<b>Research Design and Statistics</b>
<b>Module Number</b>	<b>4</b>

<b>1</b>	<b>Basic information</b>	
Semester	2.-3. semester	
Credit points (CP)	11	
Workload (h) - total	330	
Duration of module	2 semesters	
Status of module	mandatory Module	

<b>2</b>	<b>Profile</b>
Objective of the module/integration into the curriculum	
The aim of the module is a fundamental examination of the research methods of all disciplines dealt with in the degree programme, including a corresponding application of the skills and abilities.	
Content of Module	
<p>Basic knowledge of research methods (experimental design, statistic quality criteria) and statistics (probability theory, descriptive statistics and inferential statistics) will be imparted within the lecture. In "Interpretation Methods in Statistics", students will learn to use different complex statistical strategies to test for differences (e.g. inferential statistics/structure analyses, general linear models [GLM] and others) as well as for correlations (reliability analysis, correlation and regression analysis). The seminar also deals with experimental plans and the implementation of own research projects. The "SPSS Tutorial" will provide basic practical experiences with the software and allows the application of statistical tests to real data sets. The seminar "Data Analysis with Matlab" conveys fundamental practical experience with the software and permits use with real data sets.</p>	
Learning outcomes	
<p>The students acquire the skills and knowledge necessary to carry out all stages of a research project independently. Besides, they learn specific skills in two programs in two seminars so that the knowledge gets applied to practical use. The written coursework, therefore, serves the purpose of applying theoretical and practical knowledge in research methods and statistics to a specific question. The module builds on the fundamental communication, writing, and presentation skills of module 1 and improves them regarding the research context.</p>	

<b>3 Module Structure</b>						
Components of module						
No.	Course type		Course	Status (mandatory/elective)	Workload (h)	
					Attendance (h)/SWS	Individual study time (h)
1	L		Basic Introduction to Research Methods and Statistics	m	30 (2 SWS)	90
2	S		SPSS Tutorial	m	30 (2 SWS)	30
3	S		Data Analysis with Matlab	m	15 (1 SWS)	30
4	S		Interpretation Methods in Statistics	m	30 (2 SWS)	75
Options within the Module			none			

<b>4 Examination concept</b>					
Degree-Relevant Examination(s)					
No.		Type	Duration/ Length	course no.	Weighting for Module Grade
1		Exam in Basic Introduction to Research Methods and Statistics	60 min.		65%
2		Seminar paper/ written documentation of project	20 pages		35%
Weighting of Module Grade for Final Overall Grade					6%
Required Coursework					
No.		Type	Duration/ Length	course no.	
1		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 1	
2		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 2	
3		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 3	
4		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols		LV No. 4	

	(approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.			
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<b>5 Requirements</b>	
Module related participation requirements	Successful completion of M1 and M2 is strongly recommended but not mandatory.
Credit points	The credit points for the module are awarded if the module has been successfully completed overall, i.e. it has been demonstrated by passing all examinations and coursework that the learning outcomes assigned to the module have been acquired.
Attendance	In all courses, 100% participation is recommended. However, in the seminars, 80% attendance is necessary because personal guidance and feedback when handling data can only be given within class. Anyone who exceeds the number of permitted absences forfeits their right to take the examination.

<b>6 CP - Distribution</b>		
Attendance (= time of presentness)	LV No. 1	1 CP
	LV No. 2	1 CP
	LV No. 3	0,5 CP
	LV No. 4	1 CP
Degree-Relevant Examination(s)	No. 1	2 CP
	No. 2	1.5 CP
Required Coursework	No. 1	1 CP
	No. 2	1 CP
	No. 3	1 CP
	No. 4	1 CP
Sum CP		11 CP

<b>7 Module offer</b>	
Cycle/Timing	every SS
Module Coordinator	Prof. Dr. Bernd Strauss
Faculty	FB07

<b>8 Mobility/Recognition</b>	
Usability in other study programs	none
Module title	Research Design and Statistics
English Translation of module component of field 3	are in english

9	Additional Information
	<p>Courses 1, 2, and 3 are offered in the first semester of the module. Courses 4 and 5 are offered in the second semester of the module.</p> <p>All seminars are in English. All reading and writing assignments will be in English, as well as all exams and presentations.</p>

<b>Degree Programme</b>	<b>Bachelor of Science 'Human Movement in Sports and Exercise'</b>
<b>Module</b>	<b>Neuromotor Control and Modelling</b>
<b>Module Number</b>	<b>5</b>

<b>1</b>	<b>Basic information</b>	
Semester	2.-3. semester	
Credit points (CP)	12	
Workload (h) - total	360	
Duration of module	2 semesters	
Status of module	mandatory Module	

<b>2</b>	<b>Profile</b>
Objective of the module/integration into the curriculum	
The module teaches the extended competences in the area of motor control and modelling, which are also to be applied practically within the module.	
Content of Module	
<p>This module provides students with knowledge of the neural basis of motor control, e.g. spinal, reflexive, and central aspects. In four different seminars, basic concepts and current research findings in the area of movement science are discussed. A particularly relevant topic is the application of mathematical and physical theories to biomechanics. Different experimental methods with which to analyse human movements are also discussed. Additionally, basic knowledge of human motor development is elaborated. Preventive aspects and tools in rehabilitation for the human movement apparatus are also presented and discussed.</p>	
Learning outcomes	
<p>Students gain knowledge in basic concepts and theories of movement science, i.e. theoretical concepts and experimental methods in biomechanics along with classical and modern theories of motor control and motor development. They transfer this knowledge to prevention and rehabilitation in the field of human movement. They gain an overview of classic and current research findings and learn to develop and plan new research designs with current questions in movement science. Their theoretical knowledge leads to deeper insights into e.g. the design and the objectives of new therapeutic approaches.</p>	

<b>3 Module Structure</b>						
Components of module						
No.	Course type		Course	Status (mandatory/elective)	Workload (h)	
					Attendance (h)/SWS	Individual study time (h)
1	S		Biomechanics of Human Movement	m	30 (2 SWS)	60
2	S		Motor Control of Human Movement	m	30 (2 SWS)	60
3	S		Motor Development of Human Movement	m	30 (2 SWS)	60
4	S		Prevention and Rehabilitation of Human Movement	m	30 (2 SWS)	60
Options within the Module			none			

<b>4 Examination concept</b>					
Degree-Relevant Examination(s)					
No.		Type	Duration/ Length	course no.	Weighting for Module Grade
1		Exam	60 min.		100%
Weighting of Module Grade for Final Overall Grade			10%		
Required Coursework					
No.	Type		Duration/ Length	course no.	
1	Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.			LV No. 1	
2	Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.			LV No. 2	
3	Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.			LV No. 3	
4	Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of			LV No. 4	

	the course. Duration and extent of coursework will be oriented towards the underlying workload.			
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<b>5 Requirements</b>	
Module related participation requirements	Successful completion of M1 and M2 is strongly recommended but not mandatory.
Credit points	The credit points for the module are awarded if the module has been successfully completed overall, i.e. it has been demonstrated by passing all examinations and coursework that the learning outcomes assigned to the module have been acquired.
Attendance	In all courses, 100% participation is recommended. 80% attendance is mandatory because students need to be guided on an interactive basis to acquire the extensive knowledge and competencies within this module. Anyone who exceeds the number of permitted absences forfeits their right to take the examination.

<b>6 CP - Distribution</b>		
Attendance (= time of presentness)	LV No. 1	1 CP
	LV No. 2	1 CP
	LV No. 3	1 CP
	LV No. 4	1 CP
Degree-Relevant Examination(s)	No. 1	4 CP
Required Coursework	LV No. 1	1 CP
	LV No. 2	1 CP
	LV No. 3	1 CP
	LV No. 4	1 CP
Sum CP		12 CP

<b>7 Module offer</b>	
Cycle/Timing	every Semester
Module Coordinator	Prof. Dr. Heiko Wagner
Faculty	FB07

<b>8 Mobility/Recognition</b>	
Usability in other study programs	none
Module title	Neuromotor Control and Modelling
English Translation of module component of field 3	are in english

<b>9 Additional Information</b>	
	All seminars are in English. All reading and writing assignments will be in English, as well as all exams and presentations.



<b>Degree Programme</b>	<b>Bachelor of Science 'Human Movement in Sports and Exercise'</b>
<b>Module</b>	<b>Social Aspects of Sports and Physical Activity</b>
<b>Module Number</b>	<b>6</b>

<b>1</b>	<b>Basic information</b>	
Semester	2.-3. semester	
Credit points (CP)	12	
Workload (h) - total	360	
Duration of module	2 semester	
Status of module	mandatory Module	

<b>2</b>	<b>Profile</b>
Objective of the module/integration into the curriculum	
The module teaches the extended competences in the field of social sciences of sport, which are also to be applied practically within the module.	
Content of Module	
The module aims to provide an introduction to the social aspects of sport and exercise. Students get familiar with concepts that can be used to analyze professional and high-performance sports. They are provided with knowledge about the influence of institutional framework factors on national success in elite sport as well as about the determinants of participation in the popular sport. Students also learn about target group-specific differences in sport needs and sport activity. In addition, they get insights into non-experimental research in sports economics and sports sociology	
Learning outcomes	
Students acquire fundamental insights into theoretical concepts of sports economics and sports sociology and know the current state of research on the topics covered. Moreover, they can identify fundamental economic and social problems in sports and exercise and reflect on their implications for planning sport policies, sports programs, and sports infrastructure. In general, students can practically implement basic methodological approaches to economic and sociological research and know that working with a survey- and process-generated data requires specific analytical methods.	

<b>3 Module Structure</b>						
Components of module						
No.	Course type		Course	Status (mandatory/elective)	Workload (h)	
					Attendance (h)/SWS	Individual study time (h)
1	S		Basics of Sport Economics	m	30 (2 SWS)	60
2	S		Social Aspects of Elite and Popular Sports	m	30 (2 SWS)	60
3	S		Gender and Diversity in Sports and Exercise	m	30 (2 SWS)	60
4	S		Doing Empirical Research in Sports and Exercise	m	30 (2 SWS)	60
Options within the Module			none			

<b>4 Examination concept</b>					
Degree-Relevant Examination(s)					
No.		Type	Duration/ Length	course no.	Weighting for Module Grade
1		Exam	60 min.		100%
Weighting of Module Grade for Final Overall Grade			10%		
Required Coursework					
No.		Type	Duration/ Length	course no.	
1		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 1	
2		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 2	
3		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 3	
4		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework includes e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the		LV No. 4	

	course. Duration and extent of coursework will be oriented towards the underlying workload.			
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<b>5</b>	<b>Requirements</b>			
Module related participation requirements	Successful completion of M1 and M2 is strongly recommended but not mandatory.			
Credit points	The credit points for the module are awarded if the module has been successfully completed overall, i.e. it has been demonstrated by passing all examinations and coursework that the learning outcomes assigned to the module have been acquired.			
Attendance	In all courses, 100% participation is recommended. 80% attendance is mandatory because students need to be guided on an interactive basis to acquire the extensive knowledge and competencies within this module. Anyone who exceeds the number of permitted absences forfeits their right to take the examination.			

<b>6</b>	<b>CP - Distribution</b>		
Attendance (= time of presentness)	LV No. 1	1 CP	
	LV No. 2	1 CP	
	LV No. 3	1 CP	
	LV No. 4	1 CP	
Degree-Relevant Examination(s)	No. 1	4 CP	
Required Coursework	LV No. 1	1 CP	
	LV No. 2	1 CP	
	LV No. 3	1 CP	
	LV No. 4	1 CP	
Sum CP		12 CP	

<b>7</b>	<b>Module offer</b>		
Cycle/Timing	every Semester		
Module Coordinator	Prof. Dr. Henk Erik Meier		
Faculty	FB07		

<b>8</b>	<b>Mobility/Recognition</b>		
Usability in other study programs	none		
Module title	Social Aspects of Sport and Physical Activity		
English Translation of module component of field 3	are in english		

<b>9</b>	<b>Additional Information</b>		
	All seminars are in English. All reading and writing assignments will be in English, as well as all exams and presentations.		

<b>Degree Programme</b>	<b>Bachelor of Science 'Human Movement in Sports and Exercise'</b>
<b>Module</b>	<b>Internship in Sport and Exercise Organizations</b>
<b>Module Number</b>	<b>7</b>

<b>1</b>	<b>Basic information</b>	
Semester	2. semester	
Credit points (CP)	5	
Workload (h) - total	150	
Duration of module	1 Semester	
Status of module	mandatory Module	

<b>2</b>	<b>Profile</b>
Objective of the module/integration into the curriculum	
The introductory seminar serves as general preparation for the internship by addressing the special features and requirements of an internship.	
Content of Module	
<p>In a preparatory session, special needs and formalities of the traineeship are explained as well as the necessary terms and conditions on how to prepare the report of the internship. After completion of the internship, all students will be asked about their experiences. The student is personally responsible for a successful internship and should follow the regulations of the host organization. The module coordinator will help students to get in touch with potential locations if required. The internship must take 90 h present attendance. It can be carried out during or outside the semester. Seminar preparation and retrospection can be supplemented by E-learning elements of the Career Service.</p>	
Learning outcomes	
<p>The module aims to provide students with the knowledge and tools needed for understanding and reflecting on the workloads in an actual job. It is meant to help students apply their theoretical knowledge in a working environment and to acquire new practical experience that can be transferred to further studies. The internship can be viewed as an opportunity to gain ideas for one's own Bachelor thesis as well as useful contacts with potential employers.</p>	

<b>3 Module Structure</b>						
Components of module						
No.	Course type		Course	Status (mandatory/elective)	Workload (h)	
					Attendance (h)/SWS	Individual study time (h)
1	S		Preparation and Retrospection	m	15 (1 SWS)	45
2			Work Experience	m	0	90
Options within the Module			none			

<b>4 Examination concept</b>					
Degree-Relevant Examination(s)					
No.		Type	Duration/ Length	course no.	Weighting for Module Grade
1		Internship report	15 pages		100%
Weighting of Module Grade for Final Overall Grade					2%
Required Coursework					
No.		Type	Duration/ Length	course no.	
		none			

<b>5 Requirements</b>	
Module related participation requirements	none
Credit points	The credit points for the module are awarded if the module has been successfully completed overall, i.e. it has been demonstrated by passing all examinations and coursework that the learning outcomes assigned to the module have been acquired.
Attendance	Attendance is determined by the internship institution.

<b>6 CP - Distribution</b>		
Attendance (= time of presentness)	LV No 1	0,5 CP
Degree-Relevant Examination(s)	No. 1	4,5 CP
Sum CP		5 CP

<b>7 Module offer</b>	
Cycle/Timing	every semester
Module Coordinator	Dr. Christiane Bohn
Faculty	FB07

8	Mobility/Recognition	
Usability in other study programs	none	
Module title	Internship in Sport and Exercise Organizations	
English Translation of module component of field 3	are in english	
9	Additional Information	
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<b>Degree Programme</b>	<b>Bachelor of Science 'Human Movement in Sports and Exercise'</b>
<b>Module</b>	<b>Sport Psychology</b>
<b>Module Number</b>	<b>8</b>

<b>1</b>	<b>Basic information</b>
Semester	3.-4. semester
Credit points (CP)	12
Workload (h) - total	360
Duration of module	2 Semester
Status of module	mandatory Module

<b>2</b>	<b>Profile</b>
Objective of the module/integration into the curriculum	
The module teaches the extended competences in the field of sports psychology, which are also to be applied practically within the module.	
Content of Module	
<p>Basic concepts and current research findings in the area of sport psychology are discussed in four different seminars. One key topic in the “Social Influence on Performance and Decisions” course are common errors in decision making as well as referee decisions. The course “Perception and Attention” deals with anticipatory skills, attention, and performance; paradigms such as eye tracking and temporal/spatial occlusion; as well as the development of expertise. The course “Motivation and Emotion” highlights how sport performance is affected by pressure and anxiety. “Motor Learning and Psychological Training” deals with aspects of motor development as well as motor learning for elite sport performance.</p>	
Learning outcomes	
<p>Students have acquired basic research skills in the first semesters (M1 + M4) and are now better able to perform a critical assessment of the literature in a field through their acquaintance with actual research practice. Apart from a basic understanding of the main topics in sport psychology, the students learn to analyse and evaluate the relevant body of research and discuss the findings from a critical perspective.</p>	

<b>3 Module Structure</b>						
Components of module						
No.	Course type		Course	Status (mandatory/elective)	Workload (h)	
					Attendance (h)/SWS	Individual study time (h)
1	S		Social Influence on Performance and Decisions	m	30 (2 SWS)	60
2	S		Perception and Attention	m	30 (2 SWS)	60
3	S		Motivation and Emotion	m	30 (2 SWS)	60
4	S		Motor Learning and Psychological Training	m	30 (2 SWS)	60
Options within the Module			none			

<b>4 Examination concept</b>					
Degree-Relevant Examination(s)					
No.		Type	Duration/ Length	course no.	Weighting for Module Grade
1		Exam	60 min.		100%
Weighting of Module Grade for Final Overall Grade			10%		
Required Coursework					
No.	Type		Duration/ Length	course no.	
1	Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.			LV No. 1	
2	Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.			LV No. 2	
3	Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.			LV No. 3	
4	Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the			LV No. 4	



	course. Duration and extent of coursework will be oriented towards the underlying workload.			
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<b>5</b>	<b>Requirements</b>			
Module related participation requirements	none			
Credit points	The credit points for the module are awarded if the module has been successfully completed overall, i.e. it has been demonstrated by passing all examinations and coursework that the learning outcomes assigned to the module have been acquired.			
Attendance	In all courses, 100% participation is recommended. 80% attendance is mandatory because students need to be guided on an interactive basis to acquire the extensive knowledge and competencies within this module. Anyone who exceeds the number of permitted absences forfeits their right to take the examination.			

<b>6</b>	<b>CP - Distribution</b>		
Attendance (= time of presentness)	LV No. 1	1 CP	
	LV No. 2	1 CP	
	LV No. 3	1 CP	
	LV No 4	1 CP	
Degree-Relevant Examination(s)	No. 1	4 CP	
Required Coursework	LV No 1	1 CP	
	LV No 2	1 CP	
	LV No. 3	1 CP	
	LV No 4	1 CP	
Sum CP		12 CP	

<b>7</b>	<b>Module offer</b>		
Cycle/Timing	every Semester		
Module Coordinator	Prof. Dr. Bernd Strauss		
Faculty	FB07		

<b>8</b>	<b>Mobility/Recognition</b>		
Usability in other study programs	none		
Module title	Sport Psychology		
English Translation of module component of field 3	are in english		

<b>9</b>	<b>Additional Information</b>		
	All seminars are in English. All reading and writing assignments will be in English, as well as all exams and presentations.		

<b>Degree Programme</b>	<b>Bachelor of Science 'Human Movement in Sports and Exercise'</b>
<b>Module</b>	<b>Neuro Cognitive and Neuro Motor Performance</b>
<b>Module Number</b>	9

<b>1</b>	<b>Basic information</b>
Semester	3.-4. semester
Credit points (CP)	12
Workload (h) - total	360
Duration of module	2 Semester
Status of module	mandatory Module

<b>2</b>	<b>Profile</b>
Objective of the module/integration into the curriculum	
The module provides the extended competences in the field of training science, especially in the areas of neurocognition and neuromotor function.	
Content of Module	
<p>This module aims to provide students with the knowledge and skills necessary to understand and conduct research in the field of training science. The seminars “Cognition” and “Performance” develop and deepen the basic understandings of cognition and motor skills. The “Reading and Journal Club” allows students to read seminal books and papers in the field of research, as well as to discuss questions with fellow students, more advanced students, and experts in this field. An “Intervention Project” conceived by the student her/himself, discussed with the tutors, and carried out with their help, enables students to carry out interventional research approaches relevant in fields such as training and adaptation. The two seminars "Cognition" and "Performance" are offered in the first semester, the "Reading and Journal Club" and the “Intervention Project” in the second semester of the module.</p>	
Learning outcomes	
<p>Students acquire knowledge and fundamental concepts of cognitive and motor training and their interactions. They learn that training interventions lead to specific cognitive and motor (performance) changes and can classify these findings in the current state of research. The module focuses on adaptive changes in the sporting context and enables research-based intervention strategies to be implemented.</p>	

<b>3 Module Structure</b>						
Components of module						
No.	Course type		Course	Status (mandatory/elective)	Workload (h)	
					Attendance (h)/SWS	Individual study time (h)
1	S		Neuroscience, Cognition, and Motor Performance	m	30 (2 SWS)	60
2	S		Motor Learning, Training, and Adaptation	m	30 (2 SWS)	60
3	S		Motor and Neuocognitive Performance	m	30 (2 SWS)	60
4	S		Intervention Project in Neurocognition and Performance	m	30 (2 SWS)	60
Options within the Module			none			

<b>4 Examination concept</b>					
Degree-Relevant Examination(s)					
No.		Type	Duration/ Length	course no.	Weighting for Module Grade
1		Exam	60 min.		100%
Weighting of Module Grade for Final Overall Grade			10%		
Required Coursework					
No.		Type	Duration/ Length	course no.	
1		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 1	
2		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 2	
3		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 3	
4		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the		LV No. 4	

	course. Duration and extent of coursework will be oriented towards the underlying workload.			
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<b>5</b>	<b>Requirements</b>			
Module related participation requirements	Successful completion of M1 and M2 is strongly recommended.			
Credit points	The credit points for the module are awarded if the module has been successfully completed overall, i.e. it has been demonstrated by passing all examinations and coursework that the learning outcomes assigned to the module have been acquired.			
Attendance	In all courses, 100% participation is recommended. 80% attendance is mandatory because students need to be guided on an interactive basis to acquire the extensive knowledge and competencies within this module. Anyone who exceeds the number of permitted absences forfeits their right to take the examination.			

<b>6</b>	<b>CP - Distribution</b>		
Attendance (= time of presentness)	LV No. 1	1 CP	
	LV No. 2	1 CP	
	LV No. 3	1 CP	
	LV No 4	1 CP	
Degree-Relevant Examination(s)	No. 1	4 CP	
Required Coursework	LV No 1	1 CP	
	LV No 2	1 CP	
	LV No. 3	1 CP	
	LV No 4	1 CP	
Sum CP		12 CP	

<b>7</b>	<b>Module offer</b>		
Cycle/Timing	every Semester		
Module Coordinator	Prof. Dr. Claudia Voelcker-Rehage		
Faculty	FB07		

<b>8</b>	<b>Mobility/Recognition</b>		
Usability in other study programs	none		
Module title	Neuro Cognitive and Neuro Motor Performance		
English Translation of module component of field 3	are in english		

<b>9</b>	<b>Additional Information</b>		
	All seminars are in English. All reading and writing assignments will be in English, as well as all exams and presentations.		

<b>Degree Programme</b>	<b>Bachelor of Science 'Human Movement in Sports and Exercise'</b>
<b>Module</b>	<b>Data Acquisition and Data Analysis</b>
<b>Module Number</b>	<b>10</b>

<b>1</b>	<b>Basic information</b>	
Semester	3.-4. semester	
Credit points (CP)	14	
Workload (h) - total	420	
Duration of module	2 Semester	
Status of module	mandatory Module	

<b>2</b>	<b>Profile</b>
Objective of the module/integration into the curriculum	
The aim of the module is to enable students to apply research methods according to the specific requirements in sports science.	
Content of Module	
<p>The objective of this module is to enable students to actually use and apply specific research methods in the field of sports and exercise. The students will be offered a wide range of courses to ensure their methodological breadth. Within the module, one course (Seminar 1, offered in the first semester of the module) conveys ethical standards of conducting research, ensuring that students understand that the application of research methods necessitates detailed knowledge of ethical issues in the field. Students freely choose three methods seminars (each of 4 CP) from the course offer. Seminars may include, but are not limited to “Experimental Stimulation”, “Imaging Methods”, “Kinematic Analysis”, “Motor Testing”, “Multivariate Statistics”, “Mathematical Modelling”, “Behavioural Data Acquisition”, “Molecular Lab Techniques”, “Neuroscience”, or “Electrophysiology”. Within these courses, students deepen their understanding of research by acquiring and analysing data from real research projects.</p>	
Learning outcomes	
<p>The students know and understand the ethical issues raised when performing research. They are also able to act according to the standard rules of ethical research. They are able to provide adequate information for study participants, to prepare informed consent, to use code lists appropriately, and know how to write an ethical grant application. Students also know and have in-depth knowledge on how to apply specific research methods, e.g. how to conduct and evaluate a three-dimensional movement analysis. They will be able to apply these research methods to relevant research questions.</p>	

<b>3 Module Structure</b>						
Components of module						
No.	Course type		Course	Status (mandatory/elective)	Workload (h)	
					Attendance (h)/SWS	Individual study time (h)
1	S		Ethical Issues in Research	m	30 (2 SWS)	60
2	S		Seminars in Data Acquisition and Data Analysis 1	m	30 (2 SWS)	90
3	S		Seminars in Data Acquisition and Data Analysis 2	m	30 (2 SWS)	90
4	S		Seminars in Data Acquisition and Data Analysis 3	m	30 (2 SWS)	60
Options within the Module			Students freely choose three methods seminars from the course offer. The class “Ethical Issues in Research” is mandatory.			

<b>4 Examination concept</b>					
Degree-Relevant Examination(s)					
No.		Type	Duration/ Length	course no.	Weighting for Module Grade
1		Oral Examination in one seminar	15 min.		50%
2		Poster in one seminar (different seminar from the one mentioned above for an oral examination)	DIN A0		50%
Weighting of Module Grade for Final Overall Grade					2%
Required Coursework					
No.		Type	Duration/ Length	course no.	
1		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 1	
2		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 2	
3		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 3	
4		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes),		LV No. 4	

	respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.			
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<b>5</b>	<b>Requirements</b>			
Module related participation requirements	Successful completion of M1 and M2 is strongly recommended.			
Credit points	The credit points for the module are awarded if the module has been successfully completed overall, i.e. it has been demonstrated by passing all examinations and coursework that the learning outcomes assigned to the module have been acquired.			
Attendance	In all courses, 100% participation is recommended. In the seminar S1, 80% attendance is mandatory due to the particular importance of this seminar for research. In all other seminars, 80% attendance is also mandatory due to the fact that each stage in the acquisition of research methods builds upon the previous stage.			

<b>6</b>	<b>CP - Distribution</b>		
Attendance (= time of presentness)	LV No. 1	1 CP	
	LV No. 2	1 CP	
	LV No. 3	1 CP	
	LV No. 4	1 CP	
Degree-Relevant Examination(s)	No. 1	1 CP	
	No. 2	1 CP	
Required Coursework	No. 1	2 CP	
	No. 2	2 CP	
	No. 3	2 CP	
	No. 4	2 CP	
Sum CP		14 CP	

<b>7</b>	<b>Module offer</b>	
Cycle/Timing	every Semester	
Module Coordinator	Prof. Dr. Heiko Wagner	
Faculty	FB07	

<b>8</b>	<b>Mobility/Recognition</b>	
Usability in other study programs	none	
Module title	Data Acquisition and Data Analysis	
English Translation of module component of field 3	are in english	

<b>9</b>	<b>Additional Information</b>	
	All seminars are in English. All reading and writing assignments will be in English, as well as all exams and presentations.	

<b>Degree Programme</b>	<b>Bachelor of Science 'Human Movement in Sports and Exercise'</b>
<b>Module</b>	<b>Professional Acting in Health Sports</b>
<b>Module Number</b>	<b>11</b>

<b>1</b>	<b>Basic information</b>	
Semester	2.-6. semester	
Credit points (CP)	10	
Workload (h) - total	330	
Duration of module	4 Semester	
Status of module	mandatory Module	

<b>2</b>	<b>Profile</b>
<b>Objective of the module/integration into the curriculum</b>	
The aim is to apply the theoretical knowledge in practical areas of health sport.	
<b>Content of Module</b>	
<p>The focus of this module is on imparting practical knowledge in different settings within health sports. Students already know fundamental aspects of guiding, controlling, and evaluating physical training in elite sport and health groups (Module 3). All courses impart concepts within prevention and rehabilitation by means of physical activity and physical training with different clients (e.g. orthopaedics, traumatology, internal medicine such as strokes, neurology, psychosomatics, psychiatry, etc.). Courses may include, but are not limited to, training with stroke and dementia patients and physical training in health groups (e.g. fall prevention in the elderly, core training over the lifespan etc.).</p>	
<b>Learning outcomes</b>	
<p>The students know the contents of preventive and rehabilitative physical training. They are able to plan, instruct, analyse, and reflect on their acting according to the health level of the respective clients. Additionally, they know which organizational measures need to be taken to plan training interventions. They recognize potential risks and ensure appropriate safety measures in implementations of training lessons. Self-acting is an important aspect of reflection. Students will also be able to demonstrate exercises properly and should feel confident to run an intervention autonomously.</p>	



<b>3 Module Structure</b>						
Components of module						
No.	Course type		Course	Status (mandatory/elective)	Workload (h)	
					Attendance (h)/SWS	Individual study time (h)
1	S		Physical Training in Health Groups 1	m	30 (2 SWS)	60
2	S		Physical Training in Health Groups 2	m	30 (2 SWS)	30
3	S		Physical Training in Health Groups 3	m	30 (2 SWS)	30
4	S		Physical Training in Health Groups 4	m	30 (2 SWS)	30
5	S		Physical Training in Health Groups 5	m	30 (2 SWS)	30
Options within the Module			At least two seminars will be offered per semester. Courses can be chosen freely from the available course offer.			

<b>4 Examination concept</b>					
Degree-Relevant Examination(s)					
No.		Type	Duration/ Length	course no.	Weighting for Module Grade
1		Reflective paper	5 pages		100%
Weighting of Module Grade for Final Overall Grade			2%		
Required Coursework					
No.		Type	Duration/ Length	course no.	
1		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 1	
2		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 2	
3		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 3	
4		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework		LV No. 4	

	will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.			
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<b>5 Requirements</b>	
Module related participation requirements	Successful completion of Seminar S1 of Module 3 is recommended.
Credit points	The credit points for the module are awarded if the module has been successfully completed overall, i.e. it has been demonstrated by passing all examinations and coursework that the learning outcomes assigned to the module have been acquired.
Attendance	In all courses, 100% participation is recommended. 80% attendance is mandatory because students need to be guided on an interactive basis to acquire the extensive knowledge and competencies within this module. Anyone who exceeds the number of permitted absences forfeits their right to take the examination.

<b>6 CP - Distribution</b>		
Attendance (= time of presentness)	LV No. 1	1 CP
	LV No. 2	1 CP
	LV No. 3	1 CP
	LV No. 4	1 CP
	LV No. 5	1 CP
Degree-Relevant Examination(s)	No. 1	1 CP
Required Coursework	LV No. 1	1 CP
	LV No. 2	1 CP
	LV No. 3	1 CP
	LV No. 4	1 CP
Sum CP		10 CP

<b>7 Module offer</b>	
Cycle/Timing	every Semester
Module Coordinator	Prof. Dr. Eric Eils
Faculty	FB07

<b>8 Mobility/Recognition</b>	
Usability in other study programs	none
Module title	Professional Acting in Health Sports
English Translation of module component of field 3	are in english

<b>9 Additional Information</b>	
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<b>Degree Programme</b>	<b>Bachelor of Science 'Human Movement in Sports and Exercise'</b>
<b>Module</b>	<b>Experimental Research Projects</b>
<b>Module Number</b>	<b>12</b>

<b>1</b>	<b>Basic information</b>	
Semester	4. semester	
Credit points (CP)	5	
Workload (h) - total	150	
Duration of module	1 Semester	
Status of module	mandatory Module	

<b>2</b>	<b>Profile</b>
Objective of the module/integration into the curriculum	
The aim is to apply the theoretical and methodological knowledge and skills in their own research work, integrated into the respective research groups.	
Content of Module	
The students get involved in a research project within one discipline (Neuromotor Control and bModelling, Gender and Diversity, Sport Psychology, Neurocognition and Performance). They integrate theoretical and methodological knowledge within their research project. The aim is for students to formulate a research question, apply a conceptual framework, use appropriate methods to address this research question, acquire data, analyse these data, and prepare a poster.	
Learning outcomes	
Module 12 provides a link between the statistical knowledge and the research skills acquired in Module 4 and the Bachelor's thesis. The focus is on the creative aspect of research, so that students learn to develop their own ideas in the context of previous publications. Important skills that will be trained are the analysis and evaluation of research articles and the formulation of research questions. In addition, students have to integrate their knowledge of different research methods from other modules to decide which approach is the most adequate for the problem at hand.	

<b>3</b>	<b>Module Structure</b>					
Components of module						
No.	Course Type		Course	Status (mandatory/elective)	Workload (h)	
					Attendance (h)/SWS	Individual study time (h)
1	P		One Research Project in one of four disciplines	m	30 (2 SWS)	120
Options within the Module			The students choose one project that needs to be concluded successfully. This research project can be a direct preparation for their bachelor thesis.			

<b>4 Examination concept</b>					
Degree-Relevant Examination(s)					
No.	Type	Duration/ Length	course no.	Weighting for Module Grade	
1	Presenting their research by means of a poster at the end of the semester.	Poster DIN A0		100%	
Weighting of Module Grade for Final Overall Grade				3%	
Required Coursework					
No.	Type	Duration/ Length	course no.		
1	Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.				

<b>5 Requirements</b>	
Module related participation requirements	Successful completion of M1, M2, M4, and S1 of M10 (Ethical Issues in Research) is recommended.
Credit points	The credit points for the module are awarded if the module has been successfully completed overall, i.e. it has been demonstrated by passing all examinations and coursework that the learning outcomes assigned to the module have been acquired.
Attendance	Attendance for the initial development of the research project and contact with the tutor is necessary along with on–the-spot direct support by the tutor.

<b>6 CP - Distribution</b>		
Attendance (= time of presentness)	LV No. 1	1 CP
Degree-Relevant Examination(s)	No. 1	3 CP
Required Coursework	No. 1	1 CP
Sum CP		5 CP

<b>7 Module offer</b>	
Cycle/Timing	every Semester
Module Coordinator	Dr. Dennis Dreiskämper
Faculty	FB07

<b>8</b>	<b>Mobility/Recognition</b>	
Usability in other study programs	none	
Module title	Experimental Research Projects	
English Translation of module component of field 3	are in english	

  

<b>9</b>	<b>Additional Information</b>	
	All seminars are in English. All reading and writing assignments will be in English, as well as all exams and presentations.	

<b>Degree Programme</b>	<b>Bachelor of Science 'Human Movement in Sports and Exercise'</b>
<b>Module</b>	<b>Scientific Internship</b>
<b>Module Number</b>	<b>13</b>

<b>1</b>	<b>Basic information</b>	
Semester	5. semester	
Credit points (CP)	30	
Workload (h) - total	900	
Duration of module	1 Semester	
Status of module	mandatory Module	

<b>2</b>	<b>Profile</b>
Objective of the module/integration into the curriculum	
The aim is to apply the theoretical and practical knowledge and skills in a research stay that takes place in close cooperation with the lecturers at the WWU.	
Content of Module	
<p>In a preparatory session, the special needs and formalities of the scientific internship are explained to students. This first meeting will be arranged one year before starting the internship, so that students and adviser have plenty of time to search for a scientific internship. Results will be presented in retrospective form. The student is personally responsible for effectively carrying out the internship according to the given the rules of that internship. The internship has to be finished in one semester, preferably during Semester 5. Short reports on the current status of the internship are necessary. Seminar preparation and retrospection can be supplemented by E-learning elements provided by the Career Service.</p>	
Learning outcomes	
<p>The students become engaged in scientific work and are able to plan research studies. They collect data, analyse the data in a working environment, and present their results in retrospection. Workloads in a scientific job can be reflected. Students learn to work efficiently in teams and to solve technical problems. The intensive scientific work on specific problems leads to new behavioural patterns in solving problems. The internship can also be used to find topics and contents for the Bachelor thesis and make helpful contacts with potential employers.</p>	

<b>3 Module Structure</b>						
Components of module						
No.	Course Type		Course	Status (mandatory/elective)	Workload (h)	
					Attendance (h)/SWS	Individual study time (h)
1	S		Preparation and Retrospection	m	15 (1 SWS)	165
2	S		Scientific Internship	m		720
Options within the Module			none			

<b>4 Examination concept</b>					
Degree-Relevant Examination(s)					
No.		Type	Duration/ Length	course no.	Weighting for Module Grade
1		Written report	10-15 pages		100%
Weighting of Module Grade for Final Overall Grade					5%
Required Coursework					
No.		Type	Duration/ Length	course no.	
1		Short coursework is necessary for preparation, implementation and follow-up. Short coursework includes, for example, protocols (approx. 1-2 pages). The type of coursework will be announced at the beginning of the seminar. The time and extent of the coursework depends on the content of the seminar.		LV No. 1	

<b>5 Requirements</b>	
Module related participation requirements	Successful completion of modules M1 to M10 is recommended.
Credit points	The credit points for the module are awarded if the module has been successfully completed overall, i.e. it has been demonstrated by passing all examinations and coursework that the learning outcomes assigned to the module have been acquired.
Attendance	In the seminar, 80% attendance is compulsory because preparation and follow-up are necessary for the success of the internship. Attendance during the internship is regulated by the host organisation. Those who exceed the number of permitted absences will forfeit their examination entitlement.

<b>6 CP - Distribution</b>		
Attendance (= time of presentness)	LV No. 1	0,5 CP
Degree-Relevant Examination(s)	No. 1	29 CP
Required Coursework	No. 1	0,5 CP
Sum CP		30 CP

<b>7</b>	<b>Module offer</b>	
Cycle/Timing	every Semester	
Module Coordinator	Prof. Dr. Maike Tietjens	
Faculty	FB07	

<b>8</b>	<b>Mobility/Recognition</b>	
Usability in other study programs	none	
Module title	Scientific Internship	
English Translation of module component of field 3	are in english	

<b>9</b>	<b>Additional Information</b>	
	All seminars are in English. All reading and writing assignments will be in English, as well as all exams and presentations.	



<b>Degree Programme</b>	<b>Bachelor of Science 'Human Movement in Sports and Exercise'</b>
<b>Module</b>	<b>Supervision und Coaching</b>
<b>Module Number</b>	14

<b>1</b>	<b>Basic information</b>	
Semester	6. semester	
Credit points (CP)	9	
Workload (h) - total	270	
Duration of module	1 Semester	
Status of module	mandatory Module	

<b>2</b>	<b>Profile</b>
<b>Objective of the module/integration into the curriculum</b>	
The aim of the module is an intensive self-reflection on one's own studies and an examination of future possibilities in the field of research.	
<b>Content of Module</b>	
<p>The one-week intensive course “Coaching and Supervision in Scientific and Personal Skills” focuses on self-management, self-reflection, and the social and scientific skills needed to successfully complete a Bachelor thesis. Training is also given in the necessary competencies for pursuing a professional work life. Employability courses are designed to enable students to find own coping strategies and practical solutions to professional problems. Seminars support the students’ orientation process. The two employability seminars are composed of a seminar offered by the career service (1 SWS) plus an additional workshop at the Institute (1 SWS). Occasionally, the Career Service offers some seminars in English. When acting as a research subject, students have to coordinate their own schedule and to reflect on their experience in the seminar “Coaching and Supervision in Scientific and Personal Skills”.</p>	
<b>Learning outcomes</b>	
<p>The contents of the seminars qualify students to analyse the labour market, build up and use social networks, and develop their own profile. These skills form the basis for a professional job application. Additionally, self-management and the ability to reflect on one’s own acting are improved for both working life and subsequent Master studies. Acting as a research subject allows the students to gain self-experience as test subjects as well as experience regarding the duties of an empirical investigator. The organization of fixed dates also gives training in self-management.</p>	

<b>3 Module Structure</b>						
Components of module						
No.	Course Type		Course	Status (mandatory/elective)	Workload (h)	
					Attendance (h)/SWS	Individual study time (h)
1	S		Coaching and Supervision in Scientific and Personal Skills	m	60 (4 SWS)	90
2	S		Employability I – nach Angebot des Career Service	m	15 (1 SWS)	15
3	S		Employability II – Workshop	m	15 (1 SWS)	30
4	S		Versuchspersonenstunden	m	-	45
Options within the Module			none			

<b>4 Examination concept</b>					
Degree-Relevant Examination(s)					
No.		Type	Duration/ Length	course no.	Weighting for Module Grade
1		Reflective paper on the course “Coaching and Supervision in Scientific and Personal Skills”	10 pages		100%
Weighting of Module Grade for Final Overall Grade			2%		
Required Coursework					
No.		Type	Duration/ Length	course no.	
1		Short and extensive coursework is necessary for the preparation, realization, and post-processing of courses. Short and extensive coursework include e.g. protocols (approx. 1–2 pages) and written/oral assignments (approx. 10 pages/10–15 minutes), respectively. The type of coursework will be announced at the beginning of the course. Duration and extent of coursework will be oriented towards the underlying workload.		LV No. 1	
2		Essay (in consultation with the Career Service)		LV No. 2	
3		Essay		LV No. 3	

<b>5 Requirements</b>	
Module related participation requirements	Successful completion of Modules M1–13 is recommended.
Credit points	The credit points for the module are awarded if the module has been successfully completed overall, i.e. it has been demonstrated by passing all examinations and coursework that the learning outcomes assigned to the module have been acquired.
Attendance	100% attendance is recommended in all seminars. The ability to self-reflect is developed through the accompanying feedback and group dynamic processes within the seminars, therefore 80% attendance is mandatory. Anyone who exceeds the number of permitted absences will forfeit their examination entitlement.

<b>6 CP - Distribution</b>		
Attendance (= time of presentness)	LV No 1	2 CP
	LV No 2	0,5 CP
	LV No .3	0,5 CP
Degree-Relevant Examination(s)	No. 1	1 CP
Required Coursework	No. 1	2 CP
	No. 2	0,5 CP
	No. 3	1 CP
	No. 4	1,5 CP
Sum CP		9 CP

<b>7 Module offer</b>	
Cycle/Timing	every Semester
Module Coordinator	Dr. Christiane Bohn
Faculty	FB07

<b>8 Mobility/Recognition</b>	
Usability in other study programs	none
Module title	Supervision and Coaching
English Translation of module component of field 3	are in english

<b>9 Additional Information</b>	
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<b>Degree Programme</b>	<b>Bachelor of Science 'Human Movement in Sports and Exercise'</b>
<b>Module</b>	<b>Final Module</b>
<b>Module Number</b>	<b>15</b>

<b>1</b>	<b>Basic information</b>	
Semester	6. semester	
Credit points (CP)	12	
Workload (h) - total	360	
Duration of module	1 Semester	
Status of module	mandatory Module	

<b>2</b>	<b>Profile</b>
Objective of the module/integration into the curriculum	
The aim of the module is the preparation of a Bachelor thesis based on the topics of the study programme.	
Content of Module	
The students develop a specific research question with an attached methodological approach independently. The necessary dataset is acquired and processed by the student self-reliantly. General support for fundamental questions regarding topic finding, concepts, or data analysis is provided by two supervisors.	
Learning outcomes	
The bachelor thesis including its disputation underpins the students' competence of independent, scientific thinking, working and other related skills.	

<b>3</b>	<b>Module Structure</b>					
Components of module						
No.	Course Type		Course	Status (mandatory/elective)	Workload (h)	
					Attendance (h)/SWS	Individual study time (h)
1			Bachelor Thesis	m		360
Options within the Module			It is possible to write the Bachelor's thesis in cooperation with external partners.			

<b>4 Examination concept</b>					
Degree-Relevant Examination(s)					
No.		Type	Duration/ Length	course no.	Weighting for Module Grade
1		Bachelor thesis	11 weeks; 50 pages max		100%
Weighting of Module Grade for Final Overall Grade					20%
Required Coursework					
No.		Type	Duration/ Length	course no.	
1		Scientific presentation and discussion	25 minutes	-	

<b>5 Requirements</b>	
Module related participation requirements	Successful completion of modules 1-2, 4-10 is compulsory in order to register for the Bachelor thesis.
Credit points	The credit points for the module are awarded if the module has been successfully completed overall, i.e. it has been demonstrated by passing all examinations and coursework that the learning outcomes assigned to the module have been acquired.
Attendance	none

<b>6 CP - Distribution</b>		
Degree-Relevant Examination(s)	No. 1	11 CP
Required Coursework	No. 1	1 CP
Sum CP		12 CP

<b>7 Module offer</b>	
Cycle/Timing	every Semester
Module Coordinator	Prof. Dr. Henk Erik Meier
Faculty	FB07

<b>8 Mobility/Recognition</b>	
Usability in other study programs	none
Module title	Final Module
English Translation of module component of field 3	are in english

<b>9 Additional Information</b>	
	The Bachelor thesis must be written in English. 11 weeks are available for writing the Bachelor's thesis. The assessment of the thesis is limited to a period of 8 weeks. Registration of the Bachelor thesis at the beginning of the 6th semester is recommended so that the Bachelor of Science degree programme can be completed within 6 semesters.