

Module descriptions - B.Sc. Human Movement in Sports and Exercise

Degree programme	B.Sc. Human Movement in Sports and Exercise
Module	Basic Module
Module number	1

1	Basic data
Semester of study	1
Credit points (CP)	12
Total workload (h)	360
Duration of the module	1 semester
Module status (P/WP)	P

2	Profile
Module objectives/integration into the curriculum	
Students are introduced to the fundamental theories and fields of application in expertise and health sport, and develop basic skills as minimum requirements for the subject-specific theoretical modules 5-9.	
Course content	
In seminars 1 and 2, students gain an overview of fundamental theories, concepts, models and methodological aspects of health and expertise studies. In seminars 3 and 4, they learn the basic social competences for working in groups, e.g. communication skills, self- and time management, and writing and presentation skills.	
Learning outcomes	
Students master the theoretical content and fundamental methodological approaches of current health and expertise studies. They are able to give scientific presentations and to write short scientific contributions. They have specialist knowledge of media, communication, cooperation, team-building processes and presentation techniques. Students are familiar with the fundamental theories and are able to apply them to the field of sport. They have insight into new fields of scientific application and are able to reflect on them and transfer them independently.	

3 Structure						
Module components						
No.	Course category	Course format	Course	Status (P/WP)	Workload (h)	
					Contact time (h)/SWS	Self-study (h)
1	S		Health Studies	P	30	60
2	S		Expertise Studies	P	30	60
3	S		Communication, Cooperation, and Leadership in Groups	P	30	60
4	S		Writing and Presenting Skills	P	30	60
Options within the module			None			

4		Examination concept			
Examination(s)					
No.	MAP/ MTP	Type	Length/ scope	Course no. (if any)	Grade weighting
1	MAP	Written exam	120 min.		100%
Weighting of module grade in overall grade			6%		
Coursework					
No.	Type		Length/ scope	Course no. (if any)	
1	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 1	
2	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 2	
3	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 3	
4	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 4	

5	Prerequisites	
Module-specific participation requirements	None	
Award of credit points	Credit points for the module are awarded once the module as a whole has been successfully completed, i.e. once passing all examinations and coursework has demonstrated that the learning outcomes assigned to the module have been achieved.	
Attendance rules	100% attendance is recommended in all seminars. 80% attendance is compulsory, as these seminars teach extensive basic knowledge for the entire degree programme. Anyone who exceeds the number of permitted absences forfeits their right to sit the examination.	

6	CP allocation		
Attendance (= contact time)	Course no. 1	1 CP	
	Course no. 2	1 CP	
	Course no. 3	1 CP	
	Course no. 4	1 CP	
Examination(s)	No. 1	4 CP	
Coursework	Course no. 1	1 CP	
	Course no. 2	1 CP	
	Course no. 3	1 CP	
	Course no. 4	1 CP	
Total CP		12 CP	

7	Module offering	
Frequency	Every winter semester	
Module coordinator	Dr. Christiane Bohn	
Offering faculty	FB07	

8	Mobility/recognition	
Applicability in other degree programmes	None	
English module title	Basic Module	
English translation of the module components from field 3	Already in English	

9	Other	
	All seminars are held in English. All reading and writing assignments as well as examinations and presentations are in English.	

Degree programme	B.Sc. Human Movement in Sports and Exercise
Module	Lecture Module
Module number	2

1	Basic data
Semester of study	1
Credit points (CP)	13
Total workload (h)	390
Duration of the module	1 semester
Module status (P/WP)	P

2	Profile
Module objectives/integration into the curriculum	
The fundamental lectures of this module provide the basic knowledge for the subsequent theoretical modules (5-9) and for students' own research in the sub-disciplines. Students in this module should therefore be taught all essential fundamentals in the areas of Sport Institutions, Sport Medicine, Psychology and Biopsychology, as well as Motor Development and Neuromotor Learning and Control.	
Course content	
The lecture 'Sport Institutions and Participation' gives students an overview of how sport is organised and structured in Germany, Europe and around the world. 'Basics in Sports Medicine' presents key concepts that are essential for understanding the effects of physical activity on the human body. Fundamental knowledge of how the central nervous system controls movements and actions is taught in the lecture 'Neuromotor Learning and Control'. The lecture 'Biological Psychology' covers the biological structures and processes underlying human behaviour. The lecture 'Motor Development over the Lifespan' teaches fundamental concepts of the development of motor abilities and skills and how they change as a result of physical activity. The lecture Sport & Exercise Psychology teaches the fundamentals, theories and models of sport psychology.	
Learning outcomes	
Students gain a fundamental insight into the subject areas of the individual lectures. Through 'Sport Institutions and Participation', they will be able to identify and work with the structures of organised sport in Germany, Europe and around the world. In 'Basics in Sports Medicine', they learn the necessary fundamental concepts for understanding the effects of physical training on the human organism. In 'Neuromotor Learning and Control', students acquire fundamental knowledge of the neural basis (spinal, reflexive and central aspects) of motor control. In 'Biological Psychology', they learn about the biological structures underlying human behaviour, movement and action. In 'Motor Development over the Lifespan', they learn concepts of the development of motor abilities and skills and how these change on the basis of physical activity. In Sport & Exercise Psychology, students learn the fundamental concepts of (sport) psychology.	

3 Structure						
Module components						
No.	Course category	Course format	Course	Status (P/WP)	Workload (h)	
					Contact time (h)/SWS	Self-study (h)
1	V		Sport Institutions and Participation (Social and Psychological Issues)	P	30 (2 SWS)	30
2	V		Basics in Sports Medicine	P	30 (2 SWS)	30
3	V		Neuromotor Learning and Control	P	30 (2 SWS)	45
4	V		Biological Psychology	P	30 (2 SWS)	30
5	V		Motor Development over the Lifespan	P	30 (2 SWS)	45
6	V		Sport and Exercise Psychology	P	30 (2SWS)	30
Options within the module			None			

4	Examination concept				
Examination(s)					
No.	MAP/ MTP	Type	Length/ scope	Course no. (if any)	Grade weighting
1	MTP	Exam in Sport Institutions and Participation and Sport Psychology (lect. 1 and 6)	90 min.		30%
2	MTP	Exam (lect. 3 and 5) in Neuromotor Learning and Control and Motor Development over the Lifespan	90 min.		40%
3	MTP	Exam in Biological Psychology and Sports Medicine (lect. 2 and 4)	90 min.		30%
Weighting of module grade in overall grade			10%		
Coursework					
No.	Type		Length/ scope	Course no. (if any)	
1	none				

5 Prerequisites	
Module-specific participation requirements	None
Award of credit points	Credit points for the module are awarded once the module as a whole has been successfully completed, i.e. once passing all examinations and coursework has demonstrated that the learning outcomes assigned to the module have been achieved.
Attendance rules	80% attendance is strongly recommended in all lectures, as extensive basic knowledge for the entire degree programme is taught.

6	CP allocation	
Attendance (= contact time)	Course no. 1	1 CP
	Course no. 2	1 CP
	Course no. 3	1 CP
	Course no. 4	1 CP
	Course no. 5	1 CP
	Course no. 6	1 CP
Examination(s)	No. 1	2 CP
	No. 2	3 CP
	No. 3	2 CP
Total CP		13 CP

7	Module offering	
Frequency	Every winter semester	
Module coordinator	Prof. Dr. Eric Eils	
Offering faculty	FB07	

8	Mobility/recognition	
Applicability in other degree programmes	None	
English module title	Lecture Module	
English translation of the module components from field 3	Already in English	

9	Other	
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Degree programme	B.Sc. Human Movement in Sports and Exercise
Module	Professional Acting in Elite Sports
Module number	3

1	Basic data
Semester of study	1st-6th semester
Credit points (CP)	11
Total workload (h)	330
Duration of the module	2 semesters
Module status (P/WP)	P

2	Profile
Module objectives/integration into the curriculum	
The aim is to apply subject-specific theoretical knowledge in practical areas of elite sport.	
Course content	
The aim of the module is to convey practical knowledge in various situations within elite sport. The basic seminar S1 covers fundamental aspects of guiding, controlling and evaluating the physical training of sports groups in general (health and elite sport). This seminar is therefore an essential prerequisite for Module 11. Students must complete four courses on physical training in elite sport, in which concepts for training and interventions are developed on a practical and theoretical basis. The courses may include, among others, athletic training with elite athletes, (beach) volleyball training and other sports.	
Learning outcomes	
Students are able to plan and develop sports programmes in elite sport and to implement them in the field. They know basic concepts for the evaluation and analysis of intervention effects. In all courses, participants are encouraged to act in practice. They can thus incorporate their personal experience into the evaluation and must combine it with scientific assessment methods. Based on their knowledge and experience, they are able to deal confidently with their respective clients.	

3 Structure						
Module components						
No.	Course category	Course format	Course	Status (P/WP)	Workload (h)	
					Contact time (h)/SWS	Self-study (h)
1	S		Fundamental Aspects of Guiding, Controlling, and Evaluating Physical Training in Elite Sport Groups	P	30 (2 SWS)	60
2	S		Physical Training in Elite Sports Course 1	P	30 (2 SWS)	30
3	S		Physical Training in Elite Sports Course 2	P	30 (2 SWS)	30
4	S		Physical Training in Elite Sports Course 3	P	30 (2 SWS)	30
5	S		Physical Training in Elite Sports Course 4	P	30 (2 SWS)	30
Options within the module			The seminar 'Fundamental Aspects of Guiding, Controlling, and Evaluating Physical Training in Elite Sport Groups' is compulsory; participation in four 'Physical Training in Elite Sports' courses is also compulsory, chosen from a wide range of courses.			

4		Examination concept			
Examination(s)					
No.	MAP/ MTP	Type	Length/ scope	Course no. (if any)	Grade weighting
1	MAP	Portfolio or group examinations within the basic seminar S1, integrating aspects of the S2 courses	5 pages or 10 min. per person		100%
Weighting of module grade in overall grade			2%		
Coursework					
No.	Type		Length/ scope	Course no. (if any)	
1	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 1	
2	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 2	
3	Short and extensive coursework is required for preparation, implementation and follow-up.			Course no. 3	

	Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			
4	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.		Course no. 4	
5	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.		Course no. 5	

5	Prerequisites	
Module-specific participation requirements	None	
Award of credit points	Credit points for the module are awarded once the module as a whole has been successfully completed, i.e. once passing all examinations and coursework has demonstrated that the learning outcomes assigned to the module have been achieved.	
Attendance rules	100% attendance is recommended in all courses. 80% attendance in seminar S1 is required, as the relevant theoretical framework for the whole module (and Module 11) is taught interactively. 80% attendance in the four further courses from S2 is compulsory, as continuous improvement depends on practical performance and practical experience. Anyone who exceeds the number of permitted absences forfeits their right to sit the examination.	

6	CP allocation	
Attendance (= contact time)	Course no. 1	1 CP
	Course no. 2	1 CP
	Course no. 3	1 CP
	Course no. 4	1 CP
	Course no. 5	1 CP
Examination(s)	No. 1	1 CP
Coursework	Course no. 1	1 CP
	Course no. 2	1 CP
	Course no. 3	1 CP
	Course no. 4	1 CP
	Course no. 5	1 CP
Total CP		11 CP

7	Module offering	
Frequency	Every semester	
Module coordinator	Prof. Dr. Eric Eils	
Offering faculty	FB07	

8	Mobility/recognition	
Applicability in other degree programmes	None	
English module title	Professional Acting in Elite Sports	
English translation of the module components from field 3	Already in English	

9	Other	
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Degree programme	B.Sc. Human Movement in Sports and Exercise
Module	Research Design and Statistics
Module number	4

1	Basic data
Semester of study	2nd-3rd semester
Credit points (CP)	11
Total workload (h)	330
Duration of the module	2 semesters
Module status (P/WP)	P

2	Profile
Module objectives/integration into the curriculum	
The aim of the module is a fundamental engagement with the research methods of all subject disciplines covered in the degree programme, including the corresponding application of abilities and skills.	
Course content	
Basic knowledge of research methods (research design, statistical quality criteria) and statistics (probability theory, descriptive statistics and inferential statistics) is taught in the lecture. In 'Interpretation Methods in Statistics', students learn to use various complex strategies for the statistical evaluation of difference hypotheses (e.g. inferential statistics/structural analyses, general linear models [GLM] and other procedures) and of correlations (reliability analysis, correlation and regression analysis). The seminar also covers research designs and the implementation of students' own research projects. The 'SPSS Tutorial' provides basic practical experience with the software and allows statistical tests to be applied to real data sets. The seminar 'Data analysis with matlab' provides basic practical experience with the software and allows it to be applied to real data sets.	
Learning outcomes	
Students acquire the skills and knowledge needed to carry out all stages of a research project independently. In addition, in two seminars they learn specific skills in the key software tools, so that their knowledge can be put directly into practice. The written term paper therefore serves to apply theoretical and practical knowledge of research methods and statistics to a specific research question. The module builds on the basic communication, writing and presentation skills from Module 1 and develops them further in a research context.	

3 Structure						
Module components						
No.	Course category	Course format	Course	Status (P/WP)	Workload (h)	
					Contact time (h)/SWS	Self-study (h)
1	V		Basic Introduction to Research Methods and Statistics	P	30 (2 SWS)	90
2	S		SPSS Tutorial	P	30 (2 SWS)	30
3	S		Data Analysis with Matlab	P	15 (1 SWS)	30
4	S		Interpretation Methods in Statistics	P	30 (2 SWS)	75
Options within the module			None			

4		Examination concept			
Examination(s)					
No.	MAP/ MTP	Type	Length/ scope	Course no. (if any)	Grade weighting
1	MTP	Written exam in Basic Introduction to Research Methods and Statistics	60 min.		65%
2	MTP	Written term paper in the seminar Interpretation Methods in Statistics	20 pages		35%
Weighting of module grade in overall grade			6%		
Coursework					
No.	Type		Length/ scope	Course no. (if any)	
1	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 1	
2	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 2	
3	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 3	
4	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example,			Course no. 4	

	session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			
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5	Prerequisites			
Module-specific participation requirements	Successful completion of M1 and M2 is strongly recommended but not compulsory.			
Award of credit points	Credit points for the module are awarded once the module as a whole has been successfully completed, i.e. once passing all examinations and coursework has demonstrated that the learning outcomes assigned to the module have been achieved.			
Attendance rules	100% participation is recommended in all courses. 80% attendance is required in the seminars, as personal instruction and feedback on handling data can only be given within the seminars. Anyone who exceeds the number of permitted absences forfeits their right to sit the examination.			

6	CP allocation		
Attendance (= contact time)	Course no. 1	1 CP	
	Course no. 2	1 CP	
	Course no. 3	0.5 CP	
	Course no. 4	1	
Examination(s)	No. 1	2 CP	
	No. 2	1.5 CP	
Coursework	No. 1	1 CP	
	No. 2	1 CP	
	No. 3	1 CP	
	No. 4	1 CP	
Total CP		11 CP	

7	Module offering	
Frequency	Every summer semester	
Module coordinator	Prof. Dr. Bernd Strauss	
Offering faculty	FB07	

8	Mobility/recognition	
Applicability in other degree programmes	None	
English module title	Research Design and Statistics	
English translation of the module components from field 3	Already in English	

9	Other
	Courses 1 and 2 are offered in the first semester of the module. Courses 3 and 4 are offered in the second semester of the module. All seminars are in English. All reading and writing assignments will be in English, as will all examinations and presentations.

Degree programme	B.Sc. Human Movement in Sports and Exercise
Module	Neuromotor Control and Modelling
Module number	5

1	Basic data	
	Semester of study	2nd-3rd semester
	Credit points (CP)	12
	Total workload (h)	360
	Duration of the module	2 semesters
	Module status (P/WP)	P

2	Profile	
	Module objectives/integration into the curriculum	
	The module conveys advanced competences in the field of motor control and modelling, which are also to be applied in practice within the module.	
	Course content	
	This module provides students with knowledge of the neural foundations of motor control, e.g. spinal, reflexive and central aspects. In four different seminars, fundamental concepts and current research findings in human movement science are discussed. The application of mathematical and physical theories to biomechanics is a particularly important topic here. Furthermore, various experimental methods for analysing human movement are discussed. In addition, students should acquire basic knowledge of human motor development. Preventive aspects and rehabilitation tools relating to the human musculoskeletal system are also presented and developed.	
	Learning outcomes	
	Students acquire knowledge of the basic concepts and theories of human movement science, i.e. theoretical concepts and experimental methods in biomechanics and classical and modern theories of motor control and motor development. They transfer these insights to the prevention and rehabilitation of human movement. They gain an overview of classical and current research findings and should thereby be enabled to develop and plan new research designs addressing current questions. The theoretical knowledge provides deeper insights into human movement science, especially into research designs and the objectives of new therapeutic procedures.	

3 Structure						
Module components						
No.	Course category	Course format	Course	Status (P/WP)	Workload (h)	
					Contact time (h)/SWS	Self-study (h)
1	S		Biomechanics of Human Movement	P	30 (2 SWS)	60
2	S		Motor Control of Human Movement	P	30 (2 SWS)	60
3	S		Motor Development of Human Movement	P	30 (2 SWS)	60
4	S		Prevention and Rehabilitation of Human Movement	P	30 (2 SWS)	60
Options within the module			None			

4		Examination concept			
Examination(s)					
No.	MAP/ MTP	Type	Length/ scope	Course no. (if any)	Grade weighting
1	MAP	Written exam	60 min.		100%
Weighting of module grade in overall grade		10%			
Coursework					
No.	Type		Length/ scope	Course no. (if any)	
1	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 1	
2	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 2	
3	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 3	
4	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes).			Course no. 4	

	The type of coursework is announced at the start of the seminar. Duration and scope depend on the content.			
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5	Prerequisites			
Module-specific participation requirements	Although not mandatory, successful completion of M1 and M2 is strongly recommended.			
Award of credit points	Credit points for the module are awarded once the module as a whole has been successfully completed, i.e. once passing all examinations and coursework has demonstrated that the learning outcomes assigned to the module have been achieved.			
Attendance rules	100% participation is recommended in all courses. 80% attendance is mandatory, as students need to be guided interactively towards substantial gains in knowledge and competence. Anyone who exceeds the number of permitted absences forfeits their right to sit the examination.			

6	CP allocation		
Attendance (= contact time)	Course no. 1	1 CP	
	Course no. 2	1 CP	
	Course no. 3	1 CP	
	Course no. 4	1 CP	
Examination(s)	No. 1	4 CP	
Coursework	Course no. 1	1 CP	
	Course no. 2	1 CP	
	Course no. 3	1 CP	
	Course no. 4	1 CP	
Total CP		12 CP	

7	Module offering	
Frequency	Every semester	
Module coordinator	Prof. Dr. Heiko Wagner	
Offering faculty	FB07	

8	Mobility/recognition	
Applicability in other degree programmes	None	
English module title	Neuromotor Control and Modelling	
English translation of the module components from field 3	Already in English	

9	Other	
	All seminars are held in English. All reading and writing assignments as well as all examinations and presentations are in English.	

Degree programme	B.Sc. Human Movement in Sports and Exercise
Module	Social Aspects of Sport and Physical Activity
Module number	6

1	Basic data
Semester of study	2nd-3rd semester
Credit points (CP)	12
Total workload (h)	360
Duration of the module	2 semesters
Module status (P/WP)	P

2	Profile
Module objectives/integration into the curriculum	
The module conveys advanced competences in the social sciences of sport, which are also to be applied in practice within the module.	
Course content	
The module aims to give students an introduction to the social aspects of sport and physical activity that are useful for graduates of a Bachelor of Science degree programme. Students are familiarised with concepts for analysing professional and high-performance sport. They are taught about the influence of institutional framework factors on national success in elite sport and about the determinants of participation in recreational sport. Students are informed about target-group-specific differences in sporting needs and sporting activity. In addition, they are taught the knowledge and skills of non-experimental research in sport economics and sport sociology.	
Learning outcomes	
Students acquire fundamental insights into theoretical concepts of sport economics and sport sociology. They know the current state of research on the topics covered. They are able to identify basic economic and social problems in sport and physical activity and to reflect on their implications for the planning of sport policy, sports programmes and sports infrastructure. In addition, students know basic methodological approaches of economic and sociological research and understand that working with survey and process-generated data requires specific methods of analysis.	

3 Structure						
Module components						
No.	Course category	Course format	Course	Status (P/WP)	Workload (h)	
					Contact time (h)/SWS	Self-study (h)
1	S		Basics of Sport Economics	P	30 (2 SWS)	60
2	S		Social Aspects of Elite and Popular Sports	P	30 (2 SWS)	60
3	S		Gender and Diversity in Sports and Exercise	P	30 (2 SWS)	60
4	S		Doing Empirical Research in Sports and Exercise	P	30 (2 SWS)	60
Options within the module			None			

4		Examination concept			
Examination(s)					
No.	MAP/ MTP	Type	Length/ scope	Course no. (if any)	Grade weighting
1	MAP	Written exam	60 min.		100%
Weighting of module grade in overall grade		10%			
Coursework					
No.	Type		Length/ scope	Course no. (if any)	
1	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 1	
2	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 2	
3	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 3	
4	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes).			Course no. 4	

	The type of coursework is announced at the start of the seminar. Duration and scope depend on the content.			
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5	Prerequisites			
Module-specific participation requirements	Successful completion of M1 and M2 is recommended but not compulsory.			
Award of credit points	Credit points for the module are awarded once the module as a whole has been successfully completed, i.e. once passing all examinations and coursework has demonstrated that the learning outcomes assigned to the module have been achieved.			
Attendance rules	100% attendance is recommended in all courses. 80% attendance is compulsory so that the extensive knowledge and competences of the module can be conveyed to students interactively. Anyone who exceeds the number of permitted absences forfeits their right to sit the examination.			

6	CP allocation		
Attendance (= contact time)	Course no. 1	1 CP	
	Course no. 2	1 CP	
	Course no. 3	1 CP	
	Course no. 4	1 CP	
Examination(s)	No. 1	4 CP	
Coursework	Course no. 1	1 CP	
	Course no. 2	1 CP	
	Course no. 3	1 CP	
	Course no. 4	1 CP	
Total CP		12 CP	

7	Module offering	
Frequency	Every semester	
Module coordinator	Prof. Dr. Henk Erik Meier	
Offering faculty	FB07	

8	Mobility/recognition	
Applicability in other degree programmes	None	
English module title	Social Aspects of Sport and Physical Activity	
English translation of the module components from field 3	Already in English	

9	Other	
	All seminars are held in English. All reading and writing assignments as well as examinations and presentations are in English.	

Degree programme	B.Sc. Human Movement in Sports and Exercise
Module	Internship in Sport and Exercise Organizations
Module number	7

1	Basic data
Semester of study	2nd semester
Credit points (CP)	5
Total workload (h)	150
Duration of the module	1 semester
Module status (P/WP)	P

2	Profile
Module objectives/integration into the curriculum	
The introductory seminar serves as general preparation for the internship by addressing the particular features and requirements of an internship.	
Course content	
The introductory seminar serves as general preparation for the internship by addressing the particular features and requirements of an internship. Formal questions are also clarified, in particular regarding the final internship report. After the internship, the experiences gained are reflected on together with the students. Students carry out the internship on their own responsibility and must follow the rules of the host organisation. The module coordinator nevertheless provides support and, if needed, also helps students find an internship placement. Attendance of 90 hours is compulsory. The internship can be completed either during the semester or during the semester break. Preparation for and reflection on the internship can be accompanied/supported by e-learning elements of the Career Service.	
Learning outcomes	
The internship should enable students to experience and reflect on the demands and strains of working life. Students should be able to apply or implement theoretical knowledge in everyday professional life, and they acquire new practical competences that can in turn be integrated into their further studies. The internship also serves as an opportunity to find a topic for the bachelor's thesis and opens up possible contacts with potential employers.	

3 Structure						
Module components						
No.	Course category	Course format	Course	Status (P/WP)	Workload (h)	
					Contact time (h)/SWS	Self-study (h)
1	S		Preparation and Retrospection	P	15 (1 SWS)	45
2	P		Work Experience	P	0	90
Options within the module			None			

4	Examination concept					
Examination(s)						
No.	MAP/ MTP	Type		Length/ scope	Course no. (if any)	Grade weighting
1	MAP	Internship report		15 pages		100%
Weighting of module grade in overall grade			2%			
Coursework						
No.	Type			Length/ scope	Course no. (if any)	
	None					

5 Prerequisites	
Module-specific participation requirements	None
Award of credit points	Credit points for the module are awarded once the module as a whole has been successfully completed, i.e. once passing all examinations and coursework has demonstrated that the learning outcomes assigned to the module have been achieved.
Attendance rules	Attendance is determined by the internship provider.

6 CP allocation		
Attendance (= contact time)	Course no. 1	0.5 CP
Examination(s)	No. 1	4.5 CP
Total CP		5 CP

7 Module offering	
Frequency	Every semester
Module coordinator	Dr. Christiane Bohn
Offering faculty	FB07

8	Mobility/recognition	
Applicability in other degree programmes	None	
English module title	Internship in Sport and Exercise Organizations	
English translation of the module components from field 3	Already in English	
9	Other	
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Degree programme	B.Sc. Human Movement in Sports and Exercise
Module	Sport Psychology
Module number	8

1	Basic data
Semester of study	3rd-4th semester
Credit points (CP)	12
Total workload (h)	360
Duration of the module	2 semesters
Module status (P/WP)	P

2	Profile
Module objectives/integration into the curriculum	
The module conveys advanced competences in sport psychology, which are also to be applied in practice within the module.	
Course content	
In four different seminars, fundamental concepts and current research findings in sport psychology are discussed. A key topic of the seminar 'Social Influence on Performance and Decisions' is typical errors in decision-making, as well as refereeing decisions. The seminar 'Perception and Attention' deals with anticipatory skills, attention and performance; research paradigms such as eye movement and temporal-spatial occlusion; and the development of expertise. The course 'Motivation and Emotion' covers the impairment of sporting performance by pressure and anxiety. 'Motor Learning and Psychological Training' addresses motor development and motor learning as well as the use of psychological training in elite sport.	
Learning outcomes	
In the first semesters, students have acquired basic research skills (M1 + M4). Through knowledge of actual research practice, they are better able to critically evaluate the literature of a research field. In addition to a basic understanding of the key topics of sport psychology, students learn to analyse and evaluate the relevant research and to discuss the findings from a critical perspective.	

3 Structure						
Module components						
No.	Course category	Course format	Course	Status (P/WP)	Workload (h)	
					Contact time (h)/SWS	Self-study (h)
1	S		Social Influence on Performance and Decisions	P	30 (2 SWS)	60
2	S		Perception and Attention	P	30 (2 SWS)	60
3	S		Motivation and Emotion	P	30 (2 SWS)	60
4	S		Motor Learning and Psychological Training	P	30 (2 SWS)	60
Options within the module			None			

4		Examination concept			
Examination(s)					
No.	MAP/ MTP	Type	Length/ scope	Course no. (if any)	Grade weighting
1	MAP	Written exam	60 min.		100%
Weighting of module grade in overall grade		10%			
Coursework					
No.	Type		Length/ scope	Course no. (if any)	
1	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 1	
2	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 2	
3	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 3	
4	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes).			Course no. 4	

	The type of coursework is announced at the start of the seminar. Duration and scope depend on the content.			
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5	Prerequisites			
Module-specific participation requirements	None			
Award of credit points	Credit points for the module are awarded once the module as a whole has been successfully completed, i.e. once passing all examinations and coursework has demonstrated that the learning outcomes assigned to the module have been achieved.			
Attendance rules	100% attendance is recommended in all seminars. 80% attendance is compulsory, as students need to be guided through this module interactively and with extensive knowledge and competences. Anyone who exceeds the number of permitted absences forfeits their right to sit the examination.			

6	CP allocation		
Attendance (= contact time)	Course no. 1	1 CP	
	Course no. 2	1 CP	
	Course no. 3	1 CP	
	Course no. 4	1 CP	
Examination(s)	No. 1	4 CP	
Coursework	Course no. 1	1 CP	
	Course no. 2	1 CP	
	Course no. 3	1 CP	
	Course no. 4	1 CP	
Total CP		12 CP	

7	Module offering	
Frequency	Every semester	
Module coordinator	Prof. Dr. Bernd Strauss	
Offering faculty	FB07	

8	Mobility/recognition	
Applicability in other degree programmes	None	
English module title	Sport Psychology	
English translation of the module components from field 3	Already in English	

9	Other	
	All seminars are in English. All written assignments, reading assignments, examinations and presentations are also in English.	

Degree programme	B.Sc. Human Movement in Sports and Exercise
Module	Neuro Cognitive and Neuro Motor Performance
Module number	9

1	Basic data
Semester of study	3rd-4th semester
Credit points (CP)	12
Total workload (h)	360
Duration of the module	2 semesters
Module status (P/WP)	P

2	Profile
Module objectives/integration into the curriculum	
The module conveys advanced competences in training science, particularly in the areas of neurocognition and neuromotor control.	
Course content	
This module provides students with knowledge of physiology and cognitive neuroscience with a specific focus on motor behaviour and training. Particular emphasis is placed on changes through learning, training and development, and on the interaction between motor function and cognition. In four seminars, fundamental concepts and current research findings from cognitive neuroscience, learning research and training science are taught and discussed. This includes knowledge of neuroscientific methods. The seminars ‘Neuroscience, Cognition, and Motor Performance’ and ‘Motor Learning, Training, and Adaptation’ develop and deepen the foundations of neurocognition and neuromotor control and provide a basic understanding of (neuro)physiological processes as well as learning and adaptation processes. Furthermore, various neuroscientific methods for analysing human movement are introduced and reflected on. The seminar ‘Motor and Cognitive Performance across the Lifespan’ focuses on preventive aspects and diversity in neurocognition and neuromotor function, e.g. gerontological aspects. In all seminars, seminal books and articles are read and discussed. In the course ‘Intervention Project in Neurocognition and Performance’, students are enabled to design, conduct and evaluate intervention studies in neurocognition, learning and adaptation.	
Learning outcomes	
Students acquire knowledge and basic concepts of the interaction between cognition, neurophysiology and motor function. They learn that learning and training interventions lead to specific cognitive, (neuro)physiological and (neuro)motor (performance) changes (adaptation) and can place these findings in the context of the current state of research. Students should be enabled to grasp, classify and reflect critically and constructively on current debates and research directions in this field.	

3 Structure						
Module components						
No.	Course category	Course format	Course	Status (P/WP)	Workload (h)	
					Contact time (h)/SWS	Self-study (h)
1	S		Neuroscience, Cognition, and Motor Performance	P	30 (2 SWS)	60
2	S		Motor Learning, Training, and Adaptation	P	30 (2 SWS)	60
3	S		Motor and Neuocognitive Performance across the Lifespan	P	30 (2 SWS)	60
4	S		Intervention Project in Neurocognition and Performance	P	30 (2 SWS)	60
Options within the module			None			

4		Examination concept			
Examination(s)					
No.	MAP/ MTP	Type	Length/ scope	Course no. (if any)	Grade weighting
1	MAP	Written exam	60 min.		100%
Weighting of module grade in overall grade			10%		
Coursework					
No.	Type		Length/ scope	Course no. (if any)	
1	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 1	
2	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 2	
3	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 3	
3	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example,			Course no. 4	

	session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			
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5	Prerequisites			
Module-specific participation requirements	Successful completion of M1 and M2 is strongly recommended.			
Award of credit points	Credit points for the module are awarded once the module as a whole has been successfully completed, i.e. once passing all examinations and coursework has demonstrated that the learning outcomes assigned to the module have been achieved.			
Attendance rules	100% participation is recommended in all courses. 80% attendance is mandatory, as students need to be guided interactively towards substantial gains in knowledge and competence. Anyone who exceeds the number of permitted absences forfeits their right to sit the examination.			

6	CP allocation		
Attendance (= contact time)	Course no. 1	1 CP	
	Course no. 2	1 CP	
	Course no. 3	1 CP	
	Course no. 4	1 CP	
Examination(s)	No. 1	4 CP	
Coursework	Course no. 1	1 CP	
	Course no. 2	1 CP	
	Course no. 3	1 CP	
	Course no. 4	1 CP	
Total CP		12 CP	

7	Module offering	
Frequency	Every winter semester	
Module coordinator	Prof. Dr. Claudia Voelcker-Rehage	
Offering faculty	FB07	

8	Mobility/recognition	
Applicability in other degree programmes	None	
English module title	Neuro Cognitive and Neuro Motor Performance	
English translation of the module components from field 3	Already in English	

9	Other	
	All courses are held in English. All reading assignments and the final written exam are in English.	

Degree programme	B.Sc. Human Movement in Sports and Exercise
Module	Data Acquisition and Data Analysis
Module number	10

1	Basic data
Semester of study	3rd-4th semester
Credit points (CP)	14
Total workload (h)	420
Duration of the module	2 semesters
Module status (P/WP)	P

2	Profile
Module objectives/integration into the curriculum	
The aim of the module is to enable students to apply research methods in line with the specific requirements of sport science.	
Course content	
The aim of the module is to enable students to apply research methods in line with the specific requirements of sport science. Students are offered a broad range of seminars to ensure methodological breadth. Within the module, one course (Seminar 1, offered in the first semester of the module) is dedicated to ethical standards in research. This is intended to ensure an understanding that detailed knowledge of ethical principles is necessary when applying research methods. Students can freely choose three seminars (each worth 4 CP) from the courses on offer. A selection of possible seminars follows: 'Experimental Stimulation', 'Imaging Methods', 'Kinematic Analysis', 'Motor Testing', 'Multivariate Statistics', 'Mathematical Modeling', 'Behavioral Data Acquisition', 'Molecular Lab Techniques', 'Neuroscience' or 'Electrophysiology'. Within these seminars, students deepen their understanding of research by collecting and analysing data from real research projects.	
Learning outcomes	
Students know and understand research-related ethical issues. They are able to conduct themselves according to the principles of ethical research, provide participant information, prepare consent forms, use coding lists correctly and know how to submit an ethics application for a research study. In addition, students have in-depth knowledge of applying particular research methods, e.g. conducting and evaluating a three-dimensional movement analysis. They will be able to apply these research methods to relevant research questions.	

3 Structure						
Module components						
No.	Course category	Course format	Course	Status (P/WP)	Workload (h)	
					Contact time (h)/SWS	Self-study (h)
1	S		Ethical Issues in Research	P	30 (2 SWS)	60
2	S		Seminars in Data Acquisition and Data Analysis 1	P	30 (2 SWS)	90
3	S		Seminars in Data Acquisition and Data Analysis 2	P	30 (2 SWS)	90
4	S		Seminars in Data Acquisition and Data Analysis 3	P	30 (2 SWS)	60
Options within the module			Students can freely choose three seminars from the courses on offer. The seminar 'Ethical Issues in Research' is compulsory.			

4		Examination concept			
Examination(s)					
No.	MAP/ MTP	Type	Length/ scope	Course no. (if any)	Grade weighting
1	MTP	Oral exam in one seminar of the module	15 min.		50%
2	MTP	Poster in one seminar of the module (a different seminar from the one used for the oral exam)	DIN A0		50%
Weighting of module grade in overall grade		2%			
Coursework					
No.	Type		Length/ scope	Course no. (if any)	
1	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (approx. 1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework is announced at the start of the courses. Its duration and scope depend on the content being covered.			Course no. 1	
2	Seminar-related preparation, execution and analysis of students' own data collection and/or joint data collection within a project framework. This coursework may also have to be completed in additional sessions during or after the lecture period. Dates for data collection are announced or agreed at the start of the seminar.			Course no. 2	
3	Seminar-related preparation, execution and analysis of students' own data collection and/or joint data collection within a project framework. This coursework may also have to be completed in additional sessions during or after the lecture period. Dates for data collection are announced or agreed at the start of the seminar.			Course no. 3	
4	Seminar-related preparation, execution and analysis of students' own data collection and/or joint data collection within a project framework. This coursework may also have to be completed in additional sessions during or after the			Course no. 4	

	lecture period. Dates for data collection are announced or agreed at the start of the seminar.			
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5	Prerequisites			
Module-specific participation requirements	Successful completion of M1 and M2 is strongly recommended but not compulsory.			
Award of credit points	Credit points for the module are awarded once the module as a whole has been successfully completed, i.e. once passing all examinations and coursework has demonstrated that the learning outcomes assigned to the module have been achieved.			
Attendance rules	80% attendance is compulsory in all seminars, as these seminars are highly relevant to practical research tasks and the acquisition of research methods builds cumulatively. Anyone who exceeds the number of permitted absences forfeits their right to sit the examination.			

6	CP allocation			
Attendance (= contact time)	Course no. 1	1 CP		
	Course no. 2	1 CP		
	Course no. 3	1 CP		
	Course no. 4	1 CP		
Examination(s)	No. 1	1 CP		
	No. 2	1 CP		
Coursework	No. 1	2 CP		
	No. 2	2 CP		
	No. 3	2 CP		
	No. 4	2 CP		
Total CP		14 CP		

7	Module offering	
Frequency	Every winter semester	
Module coordinator	Prof. Dr. Heiko Wagner	
Offering faculty	FB07	

8	Mobility/recognition	
Applicability in other degree programmes	None	
English module title	Data Acquisition and Data Analysis	
English translation of the module components from field 3	Already in English	

9	Other	
	All seminars are in English. All reading and writing assignments will be in English, as will all examinations and presentations.	

Degree programme	B.Sc. Human Movement in Sports and Exercise
Module	Professional Acting in Health Sports
Module number	11

1	Basic data	
Semester of study	2nd-6th semester	
Credit points (CP)	10	
Total workload (h)	330	
Duration of the module	4 semesters	
Module status (P/WP)	P	

2	Profile
Module objectives/integration into the curriculum	
The aim is to apply subject-specific theoretical knowledge in practical areas of health sport.	
Course content	
The focus of this module is on conveying practical knowledge in various situations within health sport. Students are already familiar with fundamental aspects of guiding, controlling and evaluating the physical training of sports groups in health and elite sport (Module 3). All courses teach concepts of prevention and rehabilitation through physical activity and training with various target groups (e.g. orthopaedics, traumatology, internal medicine such as stroke, neurology, psychosomatics, psychiatry etc.). The courses include, among others, training with stroke and dementia patients and physical training with health groups (e.g. fall prevention in older people, core stabilisation training across the lifespan).	
Learning outcomes	
Students know the content of preventive and rehabilitative physical training. They are able to plan, instruct and analyse, and to reflect on their actions based on the health status of each client. They also know organisational tools for planning training interventions. When conducting training, they recognise potential risks and ensure appropriate safety measures. Their own actions will be an important aspect of their reflection. Students will also be able to demonstrate exercises and lead an intervention confidently and autonomously.	

3 Structure						
Module components						
No.	Course category	Course format	Course	Status (P/WP)	Workload (h)	
					Contact time (h)/SWS	Self-study (h)
1	S		Physical Training in Health Groups 1	P	30 (2 SWS)	60
2	S		Physical Training in Health Groups 2	P	30 (2 SWS)	30
3	S		Physical Training in Health Groups 3	P	30 (2 SWS)	30
4	S		Physical Training in Health Groups 4	P	30 (2 SWS)	30
5	S		Physical Training in Health Groups 5	P	30 (2 SWS)	30
Options within the module			At least two seminars are offered per semester. Courses can be chosen freely from the available range.			

4		Examination concept			
Examination(s)					
No.	MAP/ MTP	Type	Length/ scope	Course no. (if any)	Grade weighting
1	MAP	Written reflection paper	5 pages		100%
Weighting of module grade in overall grade		2%			
Coursework					
No.	Type		Length/ scope	Course no. (if any)	
1	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 1	
2	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 2	
3	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			Course no. 3	
4	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes).			Course no. 4	

	The type of coursework to be completed is announced at the start of the seminar. Its duration and scope depend on the content being covered.			
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5	Prerequisites			
Module-specific participation requirements	Successful completion of seminar M1 from Module 3 is recommended.			
Award of credit points	Credit points for the module are awarded once the module as a whole has been successfully completed, i.e. once passing all examinations and coursework has demonstrated that the learning outcomes assigned to the module have been achieved.			
Attendance rules	100% attendance is recommended in all courses. 80% attendance is required in the five courses, as practical performance and practical experience are necessary for continuous improvement. Anyone who exceeds the number of permitted absences forfeits their right to sit the examination.			

6	CP allocation			
Attendance (= contact time)	Course no. 1	1 CP		
	Course no. 2	1 CP		
	Course no. 3	1 CP		
	Course no. 4	1 CP		
	Course no. 5	1 CP		
Examination(s)	No. 1	1 CP		
Coursework	Course no. 1	1 CP		
	Course no. 2	1 CP		
	Course no. 3	1 CP		
	Course no. 4	1 CP		
Total CP		10 CP		

7	Module offering	
Frequency	Every semester	
Module coordinator	Prof. Dr. Eric Eils	
Offering faculty	FB07	

8	Mobility/recognition	
Applicability in other degree programmes	None	
English module title	Professional Acting in Health Sports	
English translation of the module components from field 3	Already in English	

9	Other	
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Degree programme	B.Sc. Human Movement in Sports and Exercise
Module	Experimental Research Projects
Module number	12

1	Basic data
Semester of study	4th semester
Credit points (CP)	5
Total workload (h)	150
Duration of the module	1 semester
Module status (P/WP)	P

2	Profile
Module objectives/integration into the curriculum	
The aim is to apply theoretical and methodological knowledge and competences in students' own research, embedded in the respective research groups.	
Course content	
Students are integrated into a research project within one of the following disciplines: Neuromotor Control and Modeling, Gender and Diversity, Sport Psychology, Neurocognition and Performance. In this project, they integrate theoretical and methodological knowledge. The aim is to develop a research question, apply a conceptual model, select the appropriate methods for the research question, collect and analyse data, and prepare a scientific poster.	
Learning outcomes	
Module 12 links the statistical knowledge and research skills acquired through Module 4 and the bachelor's thesis. The focus is on the creative aspect of research, so that students learn to generate their own research questions in the context of existing publications. In addition, they must integrate their knowledge of various research methods from other modules in order to decide which approach is most appropriate for the question at hand.	

3	Structure					
Module components						
No.	Course category	Course format	Course	Status (P/WP)	Workload (h)	
					Contact time (h)/SWS	Self-study (h)
1	P		One Research Project in one of four disciplines	P	30 (2 SWS)	120
Options within the module			Students choose one project, which must be completed successfully. This research project can serve as direct preparation for their bachelor's thesis.			

4		Examination concept			
Examination(s)					
No.	MAP/ MTP	Type	Length/ scope	Course no. (if any)	Grade weighting
1	MAP	Presentation of the research project as a poster at the end of the semester	Poster DIN A0		100%
Weighting of module grade in overall grade			3%		
Coursework					
No.	Type		Length/ scope	Course no. (if any)	
1	Both short and extensive coursework is necessary for the preparation, implementation and follow-up of the seminars. Short coursework includes, for example, session reports (approx. 1-2 pages), while extensive coursework includes written or oral assignments (approx. 10 pages or 10-15 min). The type of coursework is announced at the start of the seminar. The time required and scope of the coursework depend on the content of the seminar.				

5 Prerequisites	
Module-specific participation requirements	Successful completion of M1, M2 and M4 as well as S1 of M10 ('Ethical Issues in Research') is recommended.
Award of credit points	Credit points for the module are awarded once the module as a whole has been successfully completed, i.e. once passing all examinations and coursework has demonstrated that the learning outcomes assigned to the module have been achieved.
Attendance rules	Attendance is required for the initial planning of the research projects. Anyone who exceeds the number of permitted absences forfeits their right to sit the examination.

6 CP allocation		
Attendance (= contact time)	Course no. 1	1 CP
Examination(s)	No. 1	3 CP
Coursework	No. 1	1 CP
Total CP		5 CP

7 Module offering	
Frequency	Every semester
Module coordinator	Dr. Dennis Dreiskämper
Offering faculty	FB07

8	Mobility/recognition	
Applicability in other degree programmes	None	
English module title	Experimental Research Projects	
English translation of the module components from field 3	Already in English	

9	Other	
	All seminars are in English. All written assignments, reading assignments, examinations and presentations will be in English.	

Degree programme	B.Sc. Human Movement in Sports and Exercise
Module	Scientific Internship
Module number	13

1	Basic data
Semester of study	5th semester
Credit points (CP)	30
Total workload (h)	900
Duration of the module	1 semester
Module status (P/WP)	P

2	Profile
Module objectives/integration into the curriculum	
The aim is to apply theoretical and practical knowledge and competences during a research placement carried out in close cooperation with the teaching staff of the WWU.	
Course content	
A preparatory seminar explains the particular requirements and formalities of the scientific internship. The first session of this seminar is held one year before the internship, giving students and lecturers enough time to find a scientific internship placement. In the Scientific Internship, students usually work on a scientific question within the host institution's areas of activity. In the follow-up, the results of the internship are presented. Students are responsible for ensuring the internship is carried out effectively. The internship must be completed within one semester, preferably during the 5th semester. Short status reports on the internship to the internship coordinator are required. Seminar preparation and follow-up can be supplemented by e-learning offers from the Career Service.	
Learning outcomes	
Students become familiar with scientific work and are able to plan research projects. They collect data, analyse them in a scientific working environment and present their results in the follow-up. The workload involved in scientific work is reflected on. Students learn to work efficiently in teams and to solve technical problems. Intensive scientific work on specific problems leads to new approaches to problem-solving. The internship can also be used to find topics and content for the bachelor's thesis and to establish useful contacts with potential employers.	

3 Structure						
Module components						
No.	Course category	Course format	Course	Status (P/WP)	Workload (h)	
					Contact time (h)/SWS	Self-study (h)
1	S		Preparation and Retrospection	P	15 (1 SWS)	165
2	S		Scientific Internship	P		720
Options within the module			None			

4	Examination concept				
Examination(s)					
No.	MAP/ MTP	Type	Length/ scope	Course no. (if any)	Grade weighting
1	MAP	Written report	10-15 pages		100%
Weighting of module grade in overall grade				5%	
Coursework					
No.	Type		Length/ scope	Course no. (if any)	
1	Short coursework is necessary for preparation, implementation and follow-up. Short coursework includes, for example, session reports (approx. 1-2 pages). The type of coursework is announced at the start of the seminar. The time required and scope of the coursework depend on the content of the seminar.			Course no. 1	

5 Prerequisites	
Module-specific participation requirements	Successful completion of Modules M1 to M10 is recommended.
Award of credit points	Credit points for the module are awarded once the module as a whole has been successfully completed, i.e. once passing all examinations and coursework has demonstrated that the learning outcomes assigned to the module have been achieved.
Attendance rules	80% attendance is compulsory in the seminar, as preparation and follow-up are essential to the success of the internship. Attendance during the internship is regulated by the host organisation. Anyone who exceeds the number of permitted absences forfeits their right to sit the examination.

6 CP allocation		
Attendance (= contact time)	Course no. 1	0.5 CP
Examination(s)	No. 1	29 CP
Coursework	No. 1	0.5 CP
Total CP		30 CP

7	Module offering	
Frequency	Every semester	
Module coordinator	Prof. Dr. Maike Tietjens	
Offering faculty	FB07	

8	Mobility/recognition	
Applicability in other degree programmes	None	
English module title	Scientific Internship	
English translation of the module components from field 3	Already in English	

9	Other	
	All seminars are held in English. All reading and writing assignments as well as examinations and presentations are in English.	

Degree programme	B.Sc. Human Movement in Sports and Exercise
Module	Supervision and Coaching
Module number	14

1	Basic data
Semester of study	6th semester
Credit points (CP)	9
Total workload (h)	270
Duration of the module	1 semester
Module status (P/WP)	P

2	Profile
Module objectives/integration into the curriculum	
The aim of the module is intensive self-reflection on one's own studies and engagement with future opportunities in research.	
Course content	
The aim of the block seminar 'Coaching and Supervision in Scientific and Personal Skills' is to acquire self-management and self-reflection as well as the social and scientific abilities and skills needed to write the bachelor's thesis. General skills required in everyday working life are trained. The 'Employability' courses thus enable students to find independent strategies and practical solutions for problems arising in everyday working life. The two 'Employability' seminars consist of one seminar as specified by the Career Service and a complementary workshop run by the faculty. Some of the Career Service seminars are offered in English. Taking part in studies as a participant provides experience in preparation for acting as an experimenter and requires time management skills. The experience gained as a participant is processed and reflected on in the seminar 'Coaching and Supervision in Scientific and Personal Skills'.	
Learning outcomes	
The seminar content qualifies students to analyse the current job market, to build and use social networks and to develop their own profile. Among other things, these skills form the basis of a successful application. In addition, skills such as self-management and self-reflection on one's own abilities are improved with regard to both a professional qualification and the consecutive master's programme. Taking part in studies gives students first-hand experience as a participant and insight into the responsibilities and duties an experimenter has towards participants. Arranging appointments as a participant in turn trains self-management.	

3 Structure						
Module components						
No.	Course category	Course format	Course	Status (P/WP)	Workload (h)	
					Contact time (h)/SWS	Self-study (h)
1	S		Coaching and Supervision in Scientific and Personal Skills	P	60 (4 SWS)	90
2	S		Employability I – as offered by the Career Service	P	15 (1 SWS)	15
3	S		Employability II – Workshop	P	15 (1 SWS)	30
4	S		Research participation hours	P	-	45
Options within the module			None			

4		Examination concept			
Examination(s)					
No.	MAP/ MTP	Type	Length/ scope	Course no. (if any)	Grade weighting
1	MAP	Written reflection paper linked to the seminar ‘Coaching and Supervision in Scientific and Personal Skills’.	10 pages		100%
Weighting of module grade in overall grade		2%			
Coursework					
No.	Type		Length/ scope	Course no. (if any)	
1	Short and extensive coursework is required for preparation, implementation and follow-up. Short and extensive coursework includes, for example, session reports (1-2 pages) and written/oral assignments (approx. 10 pages/10-15 minutes). The type of coursework to be completed is announced at the start of the seminar.			Course no. 1	
2	Essay (as agreed with the Career Service)			Course no. 2	
3	Essay			Course no. 3	

5 Prerequisites	
Module-specific participation requirements	Successful completion of Modules 1-13 is recommended.
Award of credit points	Credit points for the module are awarded once the module as a whole has been successfully completed, i.e. once passing all examinations and coursework has demonstrated that the learning outcomes assigned to the module have been achieved.
Attendance rules	100% attendance is recommended in all seminars. The ability to self-reflect is developed through accompanying feedback and group dynamic processes within the seminars, so 80% attendance is compulsory. Anyone who exceeds the number of permitted absences forfeits their right to sit the examination.

6	CP allocation	
Attendance (= contact time)	Course no. 1	2 CP
	Course no. 2	0.5 CP
	Course no. 3	0.5 CP
Examination(s)	No. 1	1 CP
Coursework	No. 1	2 CP
	No. 2	0.5 CP
	No. 3	1 CP
	No. 4	1.5 CP
Total CP		9 CP

7	Module offering	
Frequency	Every semester	
Module coordinator	Dr. Christiane Bohn	
Offering faculty	FB07	

8	Mobility/recognition	
Applicability in other degree programmes	None	
English module title	Supervision and Coaching	
English translation of the module components from field 3	Already in English	

9	Other	
	-	

Degree programme	B.Sc. Human Movement in Sports and Exercise
Module	Final Module
Module number	15

1	Basic data	
Semester of study	6th semester	
Credit points (CP)	12	
Total workload (h)	360	
Duration of the module	1 semester	
Module status (P/WP)	P	

2	Profile
Module objectives/integration into the curriculum	
The aim of the module is to write a bachelor's thesis based on the topics of the degree programme.	
Course content	
Students independently develop a research question and a methodological approach. They must collect and analyse data independently. Their supervisor advises them on fundamental questions (finding a topic, conceptual support, data analysis etc.).	
Learning outcomes	
The bachelor's thesis, including its defence, demonstrates the candidate's ability to think and work independently and scientifically.	

3	Structure					
Module components						
No.	Course category	Course format	Course	Status (P/WP)	Workload (h)	
					Contact time (h)/SWS	Self-study (h)
1			Bachelor Thesis	P		360
Options within the module			The bachelor's thesis may be written in cooperation with external partners.			

4	Examination concept				
Examination(s)					
No.	MAP/ MTP	Type	Length/ scope	Course no. (if any)	Grade weighting
1	MAP	Bachelor's thesis	11 weeks, max. 50 pages		100%
Weighting of module grade in overall grade			20%		
Coursework					
No.	Type		Length/ scope	Course no. (if any)	
1	Scientific presentation with discussion		25 minutes	-	

5 Prerequisites	
Module-specific participation requirements	Successful completion of Modules 1-2 and 4-10 is compulsory in order to register the bachelor's thesis.
Award of credit points	Credit points for the module are awarded once the module as a whole has been successfully completed, i.e. once passing all examinations and coursework has demonstrated that the learning outcomes assigned to the module have been achieved.
Attendance rules	None

6 CP allocation		
Examination(s)	No. 1	11 CP
Coursework	No. 1	1 CP
Total CP		12 CP

7 Module offering	
Frequency	Every semester
Module coordinator	Prof. Dr. Henk Erik Meier
Offering faculty	FB07

8 Mobility/recognition	
Applicability in other degree programmes	None
English module title	Final Module
English translation of the module components from field 3	Already in English

9 Other	
	The bachelor's thesis must be written in English. 11 weeks are available for writing the bachelor's thesis. Assessment of the thesis is limited to a period of 8 weeks. Registering the bachelor's thesis at the start of the 6th semester is recommended so that the Bachelor of Science degree programme can be completed within 6 semesters.