Module Catalogue
for the Subject
Science of Sport
as vertieft studiertes Fach (studied with a focus on the
scientific discipline)
with the degree "Erste Staatsprüfung für das Lehramt an
Gymnasien"

Examination regulations version: 2009
Responsible: Faculty of Human Sciences
Responsible: Institute of Sport Science
Contents

The subject is divided into

Abbreviations used, Conventions, Notes, In accordance with

Scientific Discipline

Compulsory Courses
- Recognizing challenges in the science of sport and understanding educational basics of sports
- Comprehension of fundamentals in sports medicine and exercise physiology
- Development and evaluation of performance 1
- Teaching and learning of movement 1
- Developing and teaching of skills in sports games 1
- Developing and teaching of skills in sports games 2
- Understanding issues of human movement
- Arranging and teaching of gliding movement on ice and snow
- Team and individual sports 1
- Sports medicine
- Team and individual sports 2
- Team and individual sports 3

Compulsory Electives
- Creating and developing occupational fields in the science of sport - teaching
- Creating and developing occupational fields in the science of sport - culture of human movement
- Creating and developing occupational fields in the science of sport - fitness & health

Teaching
- Principles of teaching sports games
- Theoretical and practical aspects of teaching sports

Freier Bereich (general as well as subject-specific electives)

Physical Education
- Theoretical Aspects of Winter Sports
- Relaxation and Wellness
- Methods in Natural Medicine

Thesis
- Thesis in the science of sport
The subject is divided into

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Abbreviations used

Course types: \( 	ext{E} = \text{field trip}, \text{K} = \text{colloquium}, \text{O} = \text{conversatorium}, \text{P} = \text{placement/lab course}, \text{R} = \text{project}, \text{S} = \text{seminar}, \text{T} = \text{tutorial}, \text{Ü} = \text{exercise}, \text{V} = \text{lecture} \)

Term: \( \text{SS} = \text{summer semester}, \text{WS} = \text{winter semester} \)

Methods of grading: \( \text{NUM} = \text{numerical grade}, \text{B/NB} = \text{(not) successfully completed} \)

Regulations: \( \text{(L)ASPO} = \text{general academic and examination regulations (for teaching-degree program-} \\
\text{mes)}, \text{FSB} = \text{subject-specific provisions}, \text{SFB} = \text{list of modules} \)

Other: \( \text{A} = \text{thesis}, \text{LV} = \text{course(s)}, \text{PL} = \text{assessment(s)}, \text{TN} = \text{participants}, \text{VL} = \text{prerequisite(s)} \)

Conventions

Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable for bonus.

Notes

Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the method of assessment to be used in the current semester by two weeks after the start of the course at the latest and will communicate this in the customary manner.

Should the module comprise more than one graded assessment, all assessments will be equally weighted, unless otherwise stated below.

Should the assessment comprise several individual assessments, successful completion of the module will require successful completion of all individual assessments.

In accordance with

the general regulations governing the degree subject described in this module catalogue:

\( \text{LASPO2009} \)

associated official publications (FSB (subject-specific provisions)/SFB (list of modules)):

\( 30-\text{Jan-2013 (2012-61)} \)

This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.
Scientific Discipline
(92 ECTS credits)
Compulsory Courses
(83 ECTS credits)
Module title | Abbreviation
--- | ---
Recognizing challenges in the science of sport and understanding educational basics of sports | 05-SP-SPPS-092-m01

Module coordinator | Module offered by
head of Centre for Sports and Physical Education | Centre for Sports and Physical Education

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Contents

In this course we talk about questions and issues of sports science and evaluate them from an interdisciplinary point of view (natural, human and social sciences). We focus on the theoretical examination of central principles of sports education and social sciences and establish connections to topics from movement, game and sports culture. The students acquire interdisciplinary scientific knowledge about the backgrounds and topics of sports. Therefore, they develop the ability to understand and analyse actions of sports and movement culture in view of social and human sciences. They acquire this knowledge by attending two different lecture courses. In the lecture on sports education during the first semester, the students learn about the basic principles of physical education in the context of sports activities and acquire basic knowledge about education theory and its historical principles. In the lecture on the principles of social science and social psychology during the second semester, we discuss central theories, models, methods and concepts of sociology, psychology, and cultural theory and elaborate on their contributions to the understanding of our movement, game and sports culture.

Intended learning outcomes

The students acquire essential professional skills in carrying out research and working in the field of sports science, sports education and sociology/social psychology of sports. They become acquainted with the principles of movement culture in view of education theory and sport sociology and learn how to put these principles into practice. Furthermore, they acquire differentiated professional and methodological competencies in the area of sports education and sports sociology by examining and comparing central terms, systematics, models, concepts and methods of the disciplines of sports science that are relevant to humanities and social sciences.

Courses

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Referred to in LPO I

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<td>Comprehension of fundamentals in sports medicine and exercise physiology</td>
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**Contents**

In this module we discuss central principles of sports biology and training sciences and establish connections to sports practice. The students acquire scientific knowledge about movement and sports by attending two different lecture courses. In the lecture on sports biology during the first semester, the students learn about the basic principles of human anatomy and physiology in the context of sports activities and acquire basic knowledge about the body's morphological and functional adaptation to physical stress. In the lecture on training science during the second semester, we discuss central theories, models, methods and concepts of training science and determine the consequences and possibilities of their practical implementation in schools, clubs and during recreation.

**Intended learning outcomes**

The students acquire essential professional skills in sports biology and training sciences. They become acquainted with the sport biological principles and the adaptivity of the human organism and learn how to establish connections between these principles and sports practice. Furthermore, they acquire differentiated professional and methodological competencies in training sciences by comparing central terms, systematics, models, concepts and methods as well as their effects on different training goals and target groups.

**Courses** (type, number of weekly contact hours, language — if other than German)

V + V (no information on SWS (weekly contact hours) and course language available)

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

written examination (approx. 90 minutes)

**Allocation of places**

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**Additional information**

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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Module title  |  Abbreviation
--- | ---
Development and evaluation of performance 1 | 05-SP-LEE1-092-m01

Module coordinator  |  Module offered by
head of Centre for Sports and Physical Education | Centre for Sports and Physical Education

ECTS  |  Method of grading  |  Only after succ. compl. of module(s)
6  |  numerical grade  |  --

Duration  |  Module level  |  Other prerequisites
2 semester  |  undergraduate  |  Admission prerequisite to assessment: regular attendance of seminars (minimum 80% of sessions offered).

Contents
In this module we discuss the theoretical principles of analysing and evaluating sports and movement and establish exemplary connections to the individual sports athletics and to a recreational type of sports. The module is divided into three sections: In a lecture during the winter semester we discuss the theoretical principles as well as the corresponding measuring methods of performance, movement and health diagnosis. During the summer semester, we examine the principles of athletics (I+II) and of a recreational type of sports and establish connections to theoretical aspects of performance and movement diagnosis.

Intended learning outcomes
The students have essential professional skills in diagnosing and evaluating movement and performance. In addition, they have specific professional skills in athletics and in a recreational type of sports and are therefore able to teach profound and target-oriented techniques in both sports.

Courses (type, number of weekly contact hours, language — if other than German)
V + S + S (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
term paper (approx. 10 pages) or presentation (approx. 30 minutes)

Allocation of places
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Additional information
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Referred to in LPO I (examination regulations for teaching-degree programmes)
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Module title | Abbreviation
---|---
Teaching and learning of movement 1 | 05-SP-BLL1-092-m01

Module coordinator | Module offered by
head of Centre for Sports and Physical Education | Centre for Sports and Physical Education

ECTS | Method of grading | Only after succ. compl. of module(s)
6 | numerical grade | --

Duration | Module level | Other prerequisites
2 semester | undergraduate | Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).

Contents

In this course we talk about questions and issues of movement science and evaluate them in view of the current discourse on human movement of natural, human and cultural sciences. We focus on examining central theories, concepts and models of movement science and establish exemplary connections to topics from the movement fields gymnastics and acrobatics. The students test their knowledge in practice in accordance with differentiated guidelines regarding performance and teaching. The students acquire interdisciplinary, scientific knowledge about the pedagogical backgrounds and topics of human movement and develop the ability to understand and analyse it. They acquire this knowledge in a lecture that focuses on anthropology. In the seminars about gymnastics and acrobatics, we use various examples to reflect and evaluate the theoretical principles of these subjects. Aside from analysing movement, we use the structures of gymnastics and acrobatics to raise and examine questions about learning and teaching movement.

Intended learning outcomes

The students acquire essential professional skills in movement science and in the didactic basics of gymnastics and acrobatics and learn about the principles of various approaches to movement science. They use examples from the field of "Gymnastics and Acrobatics" to evaluate and reflect these principles in view of the teaching topic. By combining theory and practice, the students are able to break away from everyday theories and pre-scientific knowledge about teaching sports and physical education games. Their theoretical knowledge about movement science enables them to evaluate phenomena of movement and teaching topics of sports. They examine the basics of a selected approach that is suitable for the requirements of an exemplary movement field. In doing so, they become able to transfer their knowledge about movement science as well as methods of movement analysis and methods of teaching physical education to other movement fields.

Courses (type, number of weekly contact hours, language — if other than German)

V + S (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

written examination (approx. 90 minutes)

Allocation of places

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Additional information

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Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title | Abbreviation
---|---
Developing and teaching of skills in sports games 1 | 05-SP-SSK1-092-m01

Module coordinator | Module offered by
---|---
head of Centre for Sports and Physical Education | Centre for Sports and Physical Education

ECTS | Method of grading | Only after succ. compl. of module(s)
---|---|---
4 | numerical grade | --

Duration | Module level | Other prerequisites
---|---|---
2 semester | undergraduate | Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).

Contents

In this module we discuss and evaluate basic questions and issues of physical education games and didactics. We use examples from target throwing and target kicking games as well as general ball sports to apply these principles. The students test their knowledge about sport didactics in practice in accordance with differentiated guidelines regarding performance and teaching.

Intended learning outcomes

The students acquire essential professional skills in teaching physical education games by conducting exemplary exercises in ball sports in the areas of target throwing and target kicking. They know the principles of various didactic approaches to physical education games. They examine the basics of a selected approach that is suitable for the requirements of an exemplary movement field. In doing so, they become able to transfer their knowledge as well as methods of game analysis and methods of teaching physical education games to other physical education games or other game topics. As a result, the students become acquainted with a variety of didactic approaches to teaching sports which they can apply and evaluate in practice.

Courses (type, number of weekly contact hours, language — if other than German)

S + S (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

written examination (approx. 45 minutes)

Allocation of places

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Additional information

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Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 83 (1) 5. e) aa) Sport Sportspiele
### Module title
Developing and teaching of skills in sports games 2

### Abbreviation
05-SP-SSK2-092-m01

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<td>Admission prerequisite to assessment: regular attendance of seminars (minimum 80% of sessions offered).</td>
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### Contents

In this module we examine central teaching concepts and models and extend our knowledge with the help of examples from the area of target throwing games. Furthermore, we discuss and evaluate these principles in the context of movement games and small games without balls. The students test their knowledge about sport didactics in practice in accordance with differentiated guidelines regarding performance and teaching.

### Intended learning outcomes

The students acquire essential professional skills in teaching physical education games, small motoric plays and target throwing games and learn about the principles of various didactic approaches to physical education games. They use examples from the field of target throwing games (e.g. basketball, handball) to evaluate and reflect these principles in view of the teaching topic. By combining theory and practice, the students are able to break away from everyday theories and pre-scientific knowledge about teaching sports and physical education games. Their theoretical knowledge about subject didactics enables them to evaluate phenomena, structures and teaching topics of sports. They examine the basics of a selected approach that is suitable for the requirements of an exemplary movement field. In doing so, they become able to transfer their knowledge as well as methods of game analysis and methods of teaching physical education games to other physical education games or other game topics. As a result, the students become acquainted with a variety of didactic approaches to teaching sports which they can apply and evaluate in practice.

### Courses

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### Allocation of places

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### Additional information

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### Referred to in LPO I

(understanding regulations for teaching-degree programmes)

§ 83 (1) 5. e) aa) Sport Sportspiele
### Module title

**Understanding issues of human movement**

**Abbreviation**

05-SP-BTHV-092-m01

### Module coordinator

head of Centre for Sports and Physical Education

### Module offered by

Centre for Sports and Physical Education

### ECTS

3

### Method of grading

numerical grade

### Only after succ. compl. of module(s)

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### Duration

1 semester

### Module level

undergraduate

### Other prerequisites

Admission prerequisite to assessment: regular attendance of seminars (minimum 80% of sessions offered).

### Contents

In this module we discuss various topics of movement, game and sports culture and evaluate them from different points of view. We discuss, classify and understand movement phenomena and basic topics of human movement in view of various cultural objectifications (e.g. types of sports, trend sports, recreational and health sports). Various basic topics of human movement (e.g. swinging, spinning, gliding, creating etc.) and characteristics of trend sports (sampling, virtuosity, orientation on events and consumption etc.) serve as a basis for analysis. To further analyse these basic topics in view of movement science, we transfer them to various optional types of sports.

### Intended learning outcomes

When it comes to movement science, the students have essential professional skills in identifying, understanding and evaluating various fundamental movement topics. They are able to evaluate phenomena and behaviour patterns of moving persons in view of theories about social science and movement science. Furthermore, they are able to transfer their analysing competencies to various movement fields and optional types of sport.

### Courses

(type, number of weekly contact hours, language — if other than German)

S + S (no information on SWS (weekly contact hours) and course language available)

### Method of assessment

(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

term paper (approx. 10 pages) or presentation (approx. 30 minutes)

### Allocation of places

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### Additional information

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### Referred to in LPO I

(examination regulations for teaching-degree programmes)

§ 83 (1) 5. e) hh) Sport Trend- und Freizeitsportarten
Module title
Arranging and teaching of gliding movement on ice and snow

Abbreviation
05-SP-GLES-092-m01

Module coordinator
head of Centre for Sports and Physical Education

Module offered by
Centre for Sports and Physical Education

ECTS
6

Method of grading
(only after success. compl. of module(s))

Duration
3 semester

Module level
undergraduate

Other prerequisites
Admission prerequisite to assessment: regular attendance of seminars (minimum 80% of sessions offered).

Contents
In this course we use the example of gliding on ice and snow to assess movement patterns in snow and winter sports from a pedagogical point of view. For this purpose, we study the principles of anthropology and movement science in one lecture. We use examples from various fields of snow sports and ice skating to try out, practice and evaluate these principles.

Intended learning outcomes
The students acquire essential professional skills in reviewing movement pedagogy of ice and snow sports in a conceptual manner. They are able to specify them in view of sport didactics and to demonstrate them by conducting teaching/learning practice. Furthermore, they acquire key competencies in the field of safety education in winter sports.

Courses
V + S + S + S (no information on SWS (weekly contact hours) and course language available)

Method of assessment
written examination (approx. 30 minutes)

Allocation of places
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Additional information
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Referred to in LPO I (examination regulations for teaching-degree programmes)
§ 83 (1) 5. e) gg Sport Schneesport/Eislauf
Module title | Abbreviation
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Team and individual sports 1 | 05-SP-MUI1-092-m01

Module coordinator | Module offered by
head of Centre for Sports and Physical Education | Centre for Sports and Physical Education

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| 6    | Only after succ. compl. of module(s) | By way of exception, additional prerequisites are listed in the section on assessments.

Contents

In this course we discuss, evaluate and try out basic and advanced teaching/learning approaches to sports and movement fields for teams and individuals. We use the examples of a net/wall game and various movement patterns to evaluate the basic approaches and we further survey motor learning processes in individuals. The students test their knowledge about sport didactics in practice in accordance with differentiated guidelines regarding performance and teaching.

Intended learning outcomes

The students acquire basic and advanced knowledge and competencies in teaching team sports and individual sports. They have basic teaching/learning competencies in the net game volleyball and in creating movement in the field of gymnastics and dance. Furthermore, they conduct exemplary exercises in athletics, gymnastics and acrobatics in order to develop advanced didactic and motor competencies in the field of motor learning processes in individuals. They are able to transfer these competencies to other teaching/learning situations in individual sports and movement fields.

Courses

This module has 4 components; information on courses listed separately for each component.

- 05-SP-MUI1-1-092, 05-SP-MUI1-2-092, and 05-SP-IUM-1-092: S (no information on language and number of weekly contact hours available)
- 05-SP-MUI1-3-092: S + S (no information on language and number of weekly contact hours available)

Method of assessment

This module has the following 4 assessment components. Unless stated otherwise, students must pass all of these assessment components to pass the module as a whole.

**Assessment in module component 05-SP-MUI1-1-092:** Vertiefung Leichtathletik (Advanced Track and Field), and in module component 05-SP-MUI1-3-092: Turnen und Bewegungskünste: Vertiefung (Advanced Gymnastics and Acrobatics):

- 2 ECTS credits, pass / fail
- practical examinations (approx. 5 minutes)
- Additional prerequisites: admission prerequisite to assessment: regular attendance of seminars (no less than 80% of sessions offered).

**Assessment in module component 05-SP-MUI1-2-092:** Gymnastik und Tanz: Grundlagen (Gymnastics and Dance: Basics), and in module component 05-SP-IUM-1-092: Volleyball 1:

- 1 ECTS credit, pass / fail
- practical examinations (approx. 5 minutes)
- Additional prerequisites: admission prerequisite to assessment: regular attendance of seminar (no less than 80% of sessions offered).

Allocation of places

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### Module title

Sports medicine

### Abbreviation

05-SP-SMED-092-m01

### Module coordinator

head of Centre for Sports and Physical Education

### Module offered by

Centre for Sports and Physical Education

### ECTS

6

### Method of grading

Only after succ. compl. of module(s)

6

### Numerical grade

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### Duration

1 semester

### Module level

undergraduate

### Other prerequisites

By way of exception, additional prerequisites are listed in the section on assessments.

### Contents

In this course we discuss the basics of functional anatomy as well as the musculoskeletal system and its overload and injury mechanisms. Furthermore, we survey possibilities and measures for individuals and groups to promote fitness and health. One lecture focuses on the principles of functional anatomy and sports traumatology and two other seminars teach the students to apply these principles to concepts and methods of individual fitness and health promotion for individuals and groups.

### Intended learning outcomes

The students have key professional skills in functional anatomy and sports traumatology. They are able to utilise these skills in a manner that is appropriate to the situation and audience in order to plan and conduct health-oriented measures for promoting fitness in individuals and groups.

### Courses

This module comprises 2 module components. Information on courses will be listed separately for each module component.

- 05-SP-SMED-1-092: V (no information on SWS (weekly contact hours) and course language available)
- 05-SP-SMED-2-092: S + S (no information on SWS (weekly contact hours) and course language available)

### Method of assessment

Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

**Assessment in module component 05-SP-SMED-1-092: Sports anatomy**

- 2 ECTS, Method of grading: numerical grade
- written examination (approx. 45 minutes)

**Assessment in module component 05-SP-SMED-2-092: Health oriented fitness**

- 4 ECTS, Method of grading: (not) successfully completed
- presentation (approx. 15 minutes)
- Other prerequisites: Admission prerequisite to assessment: regular attendance of seminars (minimum 80% of sessions offered).

### Allocation of places

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### Additional information

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### Referred to in LPO I (examination regulations for teaching-degrees programmes)

§ 83 (1) 5. c) Sport Sportbiologie/Sportmedizin

§ 83 (1) 5. e) dd) Sport Gesundheitsorientierte Fitness
Module title: Team and individual sports 2  
Abbreviation: 05-SP-MUI2-092-m01

Module coordinator: head of Centre for Sports and Physical Education  
Module offered by: Centre for Sports and Physical Education

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<td>By way of exception, additional prerequisites are listed in the section on assessments.</td>
</tr>
</tbody>
</table>

Duration: 1 semester  
Module level: undergraduate

Contents

In this course we discuss, evaluate and try out basic and advanced teaching/learning approaches to sports and movement fields for teams and individuals. We use the example of exercising in water to evaluate the basic approaches and we further survey a net/wall game as well as movement patterns in gymnastics and dance. The students test their knowledge about sport didactics in practice in accordance with differentiated guidelines regarding performance and teaching.

Intended learning outcomes

The students acquire basic and advanced knowledge and competencies in teaching team and individual sports. They have basic teaching/learning competencies in the area of exercising in water. Furthermore, they develop advanced didactic and motor competencies in the net game volleyball and in creating movement in the field of gymnastics and dance. They are able to transfer these competencies to other teaching/learning situations of individual sports, team sports and movement fields.

Courses

This module comprises 3 module components. Information on courses will be listed separately for each module component.

- **05-SP-EMSP-2-092**: Volleyball 2  
  - 1 ECTS, Method of grading: (not) successfully completed  
  - practical examinations (approx. 5 minutes)  
  - Other prerequisites: Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).

- **05-SP-MUI2-1-092**: Swimming 1  
  - 2 ECTS, Method of grading: (not) successfully completed  
  - practical examinations (approx. 5 minutes)  
  - Other prerequisites: Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).

- **05-SP-MUI2-2-092**: Consolidation Gymnastics and Dance 2+3  
  - 4 ECTS, Method of grading: (not) successfully completed  
  - practical examinations (approx. 5 minutes)  
  - Other prerequisites: Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).

Method of assessment

Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

**Assessment in module component 05-SP-EMSP-2-092**: Volleyball 2  
- 1 ECTS, Method of grading: (not) successfully completed  
- practical examinations (approx. 5 minutes)  
- Other prerequisites: Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).

**Assessment in module component 05-SP-MUI2-1-092**: Swimming 1  
- 2 ECTS, Method of grading: (not) successfully completed  
- practical examinations (approx. 5 minutes)  
- Other prerequisites: Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).

**Assessment in module component 05-SP-MUI2-2-092**: Consolidation Gymnastics and Dance 2+3  
- 4 ECTS, Method of grading: (not) successfully completed  
- practical examinations (approx. 5 minutes)  
- Other prerequisites: Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).

Allocation of places

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### Additional information

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
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<tr>
<td>§ 57 (1) 5. e) aa</td>
<td>Sport Sportspiele</td>
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<tr>
<td>§ 83 (1) 5. e) aa</td>
<td>Sport Sportspiele</td>
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<tr>
<td>§ 83 (1) 5. e) cc</td>
<td>Sport Schwimmen</td>
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<td>§ 83 (1) 5. e) ff</td>
<td>Sport Gymnastik und Tanz</td>
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Module title | Abbreviation
---|---
Team and individual sports 3 | 05-SP-MUI3-092-m01

Module coordinator | Module offered by
head of Centre for Sports and Physical Education | Centre for Sports and Physical Education

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Other prerequisites:
By way of exception, additional prerequisites are listed in the section on assessments.

Contents
In this course the students use the examples of exercising in water/swimming and the net game volleyball to advance their teaching/learning competencies in sports and movement fields for teams and individuals. The students test and evaluate their knowledge about sport didactics in practice in accordance with differentiated guidelines regarding performance and teaching.

Intended learning outcomes
The students broaden their knowledge and extend their competencies in teaching team sports and individual sports. They have advanced didactic and motor competencies in the net game volleyball and in the area of exercising in water/swimming. They are able to transfer these competencies to other teaching/learning situations of individual sports, team sports and movement fields.

Courses
This module comprises 2 module components. Information on courses will be listed separately for each module component.
- 05-SP-MUI3-1-092: S (no information on SWS (weekly contact hours) and course language available)
- 05-SP-MUI3-2-092: S (no information on SWS (weekly contact hours) and course language available)

Assessment in module component 05-SP-MUI3-1-092: Swimming 2 + 3
- 3 ECTS, Method of grading: (not) successfully completed
- practical examinations (approx. 5 minutes)
- Other prerequisites: Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).

Assessment in module component 05-SP-MUI3-2-092: Volleyball 3
- 1 ECTS, Method of grading: (not) successfully completed
- practical examinations (approx. 5 minutes)
- Other prerequisites: Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).

Allocation of places
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Additional information
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Referred to in LPO I (examination regulations for teaching-degree programmes)
§ 83 (1) 5. e) aa) Sport Sportspiele
§ 83 (1) 5. e) cc) Sport Schwimmen
Module title | Abbreviation
--- | ---
Advanced Sport Science | 05-SP-SFWV-092-m01

Module coordinator | Module offered by
head of Centre for Sports and Physical Education | Centre for Sports and Physical Education

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Duration | Module level |
--- | --- |
1 semester | undergraduate |

Contents

In this module we elaborate on central topics of various sports science disciplines, compare them to the current state of research of the respective discipline and determine their effects on movement, game and sport practice at and outside of school. We develop and evaluate disciplinary and interdisciplinary theories, models, methods and concepts of sports science and discuss their contribution to and significance for the understanding of movement, game and sport practice. The students advance their technical knowledge about the backgrounds and topics of sports by attending a lecture about sports psychology as well as seminars about the scientific core disciplines of sports education, training or movement science and sports biology/medicine.

Intended learning outcomes

The students have advanced knowledge and professional skills in the central topic areas of sports education, subject didactics, sports psychology, training and movement science, sports medicine and sports biology and are able to evaluate these topics in view of current research results. They know the essential topic areas of sports education, subject didactics and sports psychology. They are familiar with the corresponding systematics, models, methods and terms of education theories and are able to estimate their importance for well-founded, sophisticated and target group oriented teaching/learning situations. The students know essential terms, systematics, models and methods of training, competition and performance/performance diagnostics in the application fields of sports. They have an equally broad knowledge about movement science, motor control, performance and development and are therefore able to understand various actions of training and movement. Furthermore, they have extensive competencies in sports biology and are therefore able to evaluate the structures and ways of functioning of the major organ systems in view of acute and chronic physical stress and the resulting individual strain, adjustment and overload.

Courses

This module comprises 3 module components. Information on courses will be listed separately for each module component.

- 05-SP-SFWV-1-092: V + S (no information on SWS (weekly contact hours) and course language available)
- 05-SP-SFWV-2-092: S (no information on SWS (weekly contact hours) and course language available)
- 05-SP-SFWV-3-092: S (no information on SWS (weekly contact hours) and course language available)

Method of assessment

Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

Assessment in module component 05-SP-SFWV-1-092: Advanced sports pedagogy

- 5 ECTS, Method of grading: (not) successfully completed
- presentation (approx. 45 minutes) and handout (approx. 2 pages)
- Other prerequisites: Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).

Assessment in module component 05-SP-SFWV-2-092: Advanced kinetics/exercise physiology

- 4 ECTS, Method of grading: numerical grade
- presentation (approx. 45 minutes) and term paper (approx. 10 pages)
- Other prerequisites: Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).

**Assessment in module component 05-SP-SFWV-3-092**: Advanced sportsbiology/sports medicine
- 4 ECTS, Method of grading: numerical grade
- presentation (approx. 45 minutes) and term paper (approx. 10 pages)
- Other prerequisites: Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).

### Allocation of places

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### Additional information

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

§ 83 (1) 5. b) Sport Sportpädagogik
§ 83 (1) 5. c) Sport Sportbiologie/Sportmedizin
§ 83 (1) 5. d) Sport Bewegungswissenschaft/Trainingswissenschaft
Compulsory Electives

(9 ECTS credits)
Module title: Creating and developing occupational fields in the science of sport - teaching

Abbreviation: 05-SP-BFLE-092-m01

Module coordinator: head of Centre for Sports and Physical Education

Module offered by: Centre for Sports and Physical Education

ECTS: 9

Method of grading: Only after succ. compl. of module(s)

Duration: 1 semester

Module level: undergraduate

Other prerequisites: Admission prerequisite to assessment: regular attendance of seminars (minimum 80% of sessions offered).

Contents:
In this module we establish connections between the principles of carrying out research and working in the field of sports science and the field of sports education/sport didactics while focusing on teaching. We examine teaching/learning contexts in different sports settings (e.g. school sports, recreational sports, health sports) according to scientific criteria, using a hermeneutic and/or quantitative research paradigm. We use our self-developed research methods to establish connections between the principles of research methods, selected theories and pedagogical concepts of movement learning and utilize them to conceptualise a project. In the course of the research project, we conceptualise, conduct and evaluate teaching/learning processes on a micro and/or macro level in various sports settings in accordance with methodological guidelines. Depending on the research method, we may focus on subject-related core themes and further discuss them regarding the current scientific discourse.

Intended learning outcomes:
The students acquire basic competencies in conducting methodological research and are able to combine these competencies to work on a thematic priority whilst taking into account technical limits. Furthermore, they can transfer their skills to the conception of a research project. They are able to systematically generate new knowledge in a scientifically controlled way and they participate in teaching/learning research projects that are based on sports education. Aside from having competencies in working with hermeneutic methods, the students also know the principles and application fields of qualitative empirical research.

Courses:
S + S + R (no information on SWS (weekly contact hours) and course language available)

Method of assessment:
Presentation (approx. 30 minutes) and project report (approx. 15 pages)

Allocation of places:
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Additional information:
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Referred to in LPO I (examination regulations for teaching-degree programmes)
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**Module title**

Creating and developing occupational fields in the science of sport - culture of human movement

**Abbreviation**

05-SP-BFBK-092-m01

<table>
<thead>
<tr>
<th>Module coordinator</th>
<th>Module offered by</th>
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<tbody>
<tr>
<td>head of Centre for Sports and Physical Education</td>
<td>Centre for Sports and Physical Education</td>
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**ECTS**

- **Method of grading**
  - Only after succ. compl. of module(s)

- **Duration**
  - 1 semester

- **Module level**
  - undergraduate

- **Other prerequisites**
  - Admission prerequisite to assessment: regular attendance of seminars (minimum 80% of sessions offered).

**Contents**

In this module we study the principles of carrying out research and working in the field of sports science and establish connections to sport sociology, sport ecology and sport psychology in view of the central topic "trends of movement culture". We examine social development trends in the field of sports and movement culture according to scientific criteria, using a hermeneutic and/or quantitative research paradigm. We use our self-developed research methods to illuminate and interpret the corresponding principles of research methods in view of central reference theories and utilize them to conceptualise a project. In the course of the research project, we reconstruct processes of sports development on a micro and/or macro level in various sports settings in accordance with methodological guidelines and evaluate specific questions and issues of social science. Depending on the research method, we may focus on discipline-related core themes and further discuss them regarding the current scientific discourse.

**Intended learning outcomes**

The students have basic competencies in conducting methodological research and are able to combine these competencies to work on a thematic priority whilst taking into account technical limits. Furthermore, they can transfer their skills to the conception of a research project. They are able to systematically generate new knowledge in a scientifically controlled way and they participate in research projects on the disciplines of sports science that focus on social science. Aside from having competencies in working with quantitative research methods (questionnaire conception etc.), the students also have basic knowledge about qualitative empirical research.

**Courses**

- **(type, number of weekly contact hours, language — if other than German)**
  - S + S + R (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**

- **(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)**
  - presentation (approx. 30 minutes) and project report (approx. 15 pages)

**Allocation of places**

- --

**Additional information**

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**Referred to in LPO I**

( examination regulations for teaching-degree programmes)

- --
## Creating and developing occupational fields in the science of sport - fitness & health

<table>
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<tr>
<th>Module title</th>
<th>Abbreviation</th>
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<td>Creating and developing occupational fields in the science of sport - fitness &amp; health</td>
<td>05-SP-BFFG-092-m01</td>
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### Module coordinator

head of Centre for Sports and Physical Education

### Module offered by

Centre for Sports and Physical Education

### ECTS

9

### Method of grading

Only after succ. compl. of module(s)

### Duration

1 semester

### Module level

undergraduate

### Other prerequisites

Admission prerequisite to assessment: regular attendance of seminars (minimum 80% of sessions offered).

### Contents

This module demonstrates the scientific work methods of quantitative sports research with a focus on natural sciences and introduces quantitative and statistical evaluation research. The students examine central diagnosis and evaluation topics of fitness- and health-oriented activities in a manner that enables them to independently conduct a study project in the field of fitness, movement and health evaluation during the semester. In doing so, the students acquire theoretical and practical knowledge that enables them to independently determine and evaluate psychophysical fitness, movement quality and health condition of various age and target groups in various contexts. The module is divided into three sections: In two seminars, we determine and discuss the principles of quantitative and statistical sports research as well as special approaches and measuring methods of diagnosis and evaluation in the field of fitness and health sports. In a parallel third seminar, we plan, conduct and evaluate independent fitness- and health-oriented projects.

### Intended learning outcomes

The students acquire basic competencies in conducting methodological research in the application fields of fitness and health sports that focus on sports biology and training sciences. They are able to systematically examine pre-existing theories and knowledge and can therefore generate new knowledge. They are also able to initiate and evaluate research projects in the area of fitness and health sports that focus on sports biology and movement science. They can deploy quantitative and statistical work techniques in the field of sports science as well as specific measuring methods of diagnosing performance, movement and health. Furthermore, they are able to critically evaluate the goals and tasks of these techniques and methods as well as their meaning for individual target groups and professional fields.

### Courses

(type, number of weekly contact hours, language — if other than German)

S + S + R (no information on SWS (weekly contact hours) and course language available)

### Method of assessment

(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

Presentation (approx. 30 minutes) and project report (approx. 15 pages)

### Allocation of places

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### Additional information

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### Referred to in LPO I

(examination regulations for teaching-degree programmes)

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Teaching
(10 ECTS credits)
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<tr>
<td>Principles of teaching sports games</td>
<td>05-SP-SSK1-FD-092-m01</td>
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<table>
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<tr>
<td>head of Centre for Sports and Physical Education</td>
<td>Centre for Sports and Physical Education</td>
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<th>Other prerequisites</th>
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<tbody>
<tr>
<td>1 semester</td>
<td>undergraduate</td>
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</table>

**Contents**

This course addresses and evaluates basic questions and issues of physical education games and didactics in view of the current discourse on physical education games. It focuses on central teaching concepts and models and establishes exemplary connections to the application areas of target kicking and net/wall games.

**Intended learning outcomes**

The students develop essential professional skills in the area of teaching physical education games. They know the principles of various didactic approaches to physical education games and learn to break away from everyday theories and pre-scientific knowledge about teaching sports and physical education games. Their theoretical knowledge enables them to evaluate phenomena, structures and teaching topics of sports.

**Courses**

(type, number of weekly contact hours, language — if other than German)

V (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**

(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

written examination (approx. 45 minutes)

**Allocation of places**

--

**Additional information**

--

**Referred to in LPO I** (examination regulations for teaching-degree programmes)

§ 83 (1) 5. f) Sport Didaktik
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<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
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<tbody>
<tr>
<td>Theoretical and practical aspects of teaching sports</td>
<td>05-SP-FD-092-m01</td>
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<td>Other prerequisites</td>
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</table>

**Contents**

In this course we examine the connections between goals, contents and methods in view of the didactic problem of choosing subjects for physical education. Furthermore, we use the examples of various movement fields and types of sports to study the principles of subject didactics. We utilise these principles to plan and conceptualise teaching concepts in the teaching exercises. On this basis, the students plan, conduct and evaluate physical education and movement classes.

**Intended learning outcomes**

The students acquire essential professional skills in dealing with the problem of choosing topics in the area of subject didactics. They are able to transfer norms of education theory, sports sociology, training science and movement science to concepts of physical education. By including and excluding further basics of various planning and evaluating didactics, the students are able to enhance the model of choosing topics for physical education classes.

**Courses**

This module comprises 2 module components. Information on courses will be listed separately for each module component.

- 05-SP-FD-1-092: S (no information on SWS (weekly contact hours) and course language available)
- 05-SP-FD-2-092: Ü (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**

Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

**Assessment in module component 05-SP-FD-1-092: Principles of teaching sports**

- 4 ECTS, Method of grading: numerical grade
- term paper (approx. 10 pages) or presentation (approx. 45 minutes)
- Other prerequisites: Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).

**Assessment in module component 05-SP-FD-2-092: Teaching practice**

- 3 ECTS, Method of grading: (not) successfully completed
- designing a class (approx. 30 minutes) with written elaboration (approx. 10 pages)
- Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises (minimum 80% of sessions offered).

**Allocation of places**

--

**Additional information**

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**Referred to in LPO I**

(examination regulations for teaching-degree programmes)

§ 83 (1) 5. f) Sport Didaktik

LA Gymnasiens Science of Sport (2009)

JMU Würzburg • generated 17-Sep-2019 • exam.
reg. data record Lehramt Gymnasiens Sport - 2009
Freier Bereich (general as well as subject-specific electives) (0-15 ECTS credits)

Teaching degree students must take modules worth a total of 15 ECTS credits in the area Freier Bereich (general as well as subject-specific electives) (Section 9 LASPO (general academic and examination regulations for teaching-degree programmes)). To achieve the required number of ECTS credits, students may take any modules from the areas below.

Freier Bereich -- interdisciplinary: The interdisciplinary additional offer for a teaching degree can be found in the respective Annex "Ergänzende Bestimmungen für den "Freien Bereich" im Rahmen des Studiums für ein Lehramt".
Physical Education
(ECTS credits)

(Freier Bereich (general as well as subject-specific electives) -- subject specific)
Module title | Theoretical Aspects of Winter Sports
---|---
Abbreviation | 05-SP-SKI-092-m01

Module coordinator | head of Centre for Sports and Physical Education
Module offered by | Centre for Sports and Physical Education

ECTS | 1
Method of grading | Only after succ. compl. of module(s)
(1 not) successfully completed | --

Duration | 1 semester
Module level | undergraduate
Other prerequisites | --

Contents
In this course we use the example of gliding on ice and snow to assess movement patterns in snow and winter sports from a pedagogical point of view. For this purpose, we study the principles of anthropology and movement science. We take into account central principles of movement science and evaluate them on the basis of ice and snow sports. Apart from the historical roots and epistemological principles of movement theory, we also discuss didactic perspectives of teaching and learning how to glide on ice and snow. We examine and debate the current scientific knowledge that enables the students to teach movement topics in the field of winter and snow sports in a differentiated and systematic manner.

Intended learning outcomes
The students acquire essential professional skills in reviewing movement pedagogy of ice and snow sports in a conceptual manner. They are able to specify them in view of sport didactics and to demonstrate them by conducting teaching/learning practice. Furthermore, they acquire key competencies in the field of safety education in winter sports.

Courses (type, number of weekly contact hours, language — if other than German)
 V (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — If not every semester, information on whether module is creditable for bonus)
written examination (approx. 30 minutes)

Allocation of places

Additional information

Referred to in LPO I (examination regulations for teaching-degree programmes)

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<th>Module title</th>
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<td>Relaxation and Wellness</td>
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<th>Duration</th>
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<th>Other prerequisites</th>
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<tr>
<td>1 semester</td>
<td>undergraduate</td>
<td>Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).</td>
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</tbody>
</table>

### Contents

In this module we talk about current relaxation and wellness concepts in the context of psychophysical health promotion. We develop corresponding theoretical concepts in order to practically experience and critically evaluate them on the basis of relaxation techniques.

### Intended learning outcomes

The students know central concepts of psychophysical health promotion in the context of relaxation and wellness measures. They are able to organise, create and design settings for relaxation and wellness.

### Courses

S (no information on SWS (weekly contact hours) and course language available)

### Method of assessment

Presentation (approx. 20 minutes)

### Allocation of places

--

### Additional information

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### Referred to in LPO I

(examination regulations for teaching-degree programmes)
Module title | Abbreviation
---|---
Methods in Natural Medicine | 05-SP-NHM-092-m01

Module coordinator | Module offered by
head of Centre for Sports and Physical Education | Centre for Sports and Physical Education

ECTS | Method of grading | Only after succ. compl. of module(s)
2 | (not) successfully completed | --

Duration | Module level | Other prerequisites
1 semester | undergraduate | Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).

Contents
In this module we discuss exemplary concepts and methods of physiotherapy. We develop corresponding exemplary concepts (e.g. massaging yourself and others, taping etc.) and experience their effects in practice.

Intended learning outcomes
The students know central techniques of physiotherapy and their importance for psychophysical health promotion. They are able to use these techniques on themselves and on others in a professional manner.

Courses (type, number of weekly contact hours, language — if other than German)
S (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
presentation (approx. 20 minutes)

Allocation of places
--

Additional information
--

Referred to in LPO I (examination regulations for teaching-degree programmes)
--
Thesis
(10 ECTS credits)

Preparation of a written Hausarbeit (thesis) in accordance with the provisions of Section 29 LPO I (examination regulations for teaching-degree programmes) is a prerequisite for teaching degree students to be admitted to the Erste Staatsprüfung (First State Examination). In accordance with the provisions of Section 29 LPO I, students studying for a teaching degree Gymnasium may write this thesis in one of the subjects they selected as vertieft studiertes Fach (subject studied with a focus on the scientific discipline) or in the subject Erziehungswissenschaften (Educational Science). Pursuant to Section 29 Subsection 1 Sentence 2 LPO I, students may also choose to write an interdisciplinary thesis.
Module title | Abbreviation
---|---
Thesis in the science of sport | 05-SP-Gy-UF-HA-092-m01

Module coordinator | Module offered by
head of Centre for Sports and Physical Education | Centre for Sports and Physical Education

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
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<tbody>
<tr>
<td>10</td>
<td>numerical grade</td>
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<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
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<tbody>
<tr>
<td>1 semester</td>
<td>undergraduate</td>
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Contents

In this module the students independently work on a topic from the area of sports science or subject didactics of sports. The topic is selected in consultation with the thesis supervisor and the aim is to write a scientific thesis.

Intended learning outcomes

The students are able to independently examine a topic relevant to sports science and its corresponding literature. In doing so, they apply the knowledge and techniques that they acquired during the teaching degree programme. They are able to write down and present the results of their work in accordance with scientific norms whilst taking into account possible aspects of subject didactics.

Courses

no courses assigned

Method of assessment

written thesis (40 to 60 pages)
Language of assessment: German, exceptions in accordance with Section 29 LPO I (examination regulations for teaching degree programmes)

Allocation of places

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Additional information

Additional information on module duration: 1 to 2 semesters.

Referred to in LPO I (examination regulations for teaching-degree programmes)

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