

<b>Module title</b>		<b>Abbreviation</b>
Advanced Sport Science		05-SP-SFWV-092-m01
<b>Module coordinator</b>		<b>Module offered by</b>
head of Centre for Sports and Physical Education		Centre for Sports and Physical Education
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
13	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	By way of exception, additional prerequisites are listed in the section on assessments.
<b>Contents</b>		
<p>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.</p>		
<b>Intended learning outcomes</b>		
<p>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.</p>		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
<p>This module comprises 3 module components. Information on courses will be listed separately for each module component.</p> <ul style="list-style-type: none"> <li>• 05-SP-SFWV-1-092: V + S (no information on SWS (weekly contact hours) and course language available)</li> <li>• 05-SP-SFWV-2-092: S (no information on SWS (weekly contact hours) and course language available)</li> <li>• 05-SP-SFWV-3-092: S (no information on SWS (weekly contact hours) and course language available)</li> </ul>		
<b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
<p>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.</p> <p><b>Assessment in module component 05-SP-SFWV-1-092:</b> Advanced sports pedagogy</p> <ul style="list-style-type: none"> <li>• 5 ECTS, Method of grading: (not) successfully completed</li> <li>• presentation (approx. 45 minutes) and handout (approx. 2 pages)</li> <li>• Other prerequisites: Admission prerequisite to assessment: regular attendance of seminar (minimum 80% of sessions offered).</li> </ul> <p><b>Assessment in module component 05-SP-SFWV-2-092:</b> Advanced kinetics/exercise physiology</p> <ul style="list-style-type: none"> <li>• 4 ECTS, Method of grading: numerical grade</li> <li>• presentation (approx. 45 minutes) and term paper (approx. 10 pages)</li> </ul>		

- 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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**Workload**

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**Teaching cycle**

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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

**Module appears in**

First state examination for the teaching degree Gymnasium Science of Sport (2009)