

**Note:**

The following curriculum is a consolidated version. It is legally non-binding and for informational purposes only.

The legally binding versions are found in the University of Innsbruck Bulletins (in German).

**Principal version** as published in the University of Innsbruck Bulletin of 18 March 2009, issue 44, no. 202

**Modification** as published in the University of Innsbruck Bulletin of 17 June 2014, issue 30, no. 507

## **Complete Version of the Curriculum from October 1 2014**

### **Curriculum for the Doctor of Philosophy Programme Sport Science**

at the Faculty of Psychology and Sport Science of the University of Innsbruck

#### **§ 1 Qualification profile**

- (1) The Doctor of Philosophy Programme Sport Science belongs to the group of natural science studies.
- (2) Graduates have a systematic understanding of their research discipline and the methods employed by research in this field. Through their submission of an original piece of scientific work, graduates of this programme have made their own contribution to research which widens boundaries of knowledge and conforms to the evaluation standards of national and international experts. The quality and international orientation of the programme promotes the graduates' mobility and directs their perception beyond the boundaries of their special field. The key qualifications acquired empower the graduates to adapt their expertise to fast-changing requirements.
- (3) The Doctor of Philosophy Programme Sport Science at the University of Innsbruck serves to educate and train junior scientists in the field of sport science. Graduates of this doctoral programme are able to work on and present subject-related issues of sport science independently and on a high subject-specific and methodical level. In addition to excellent subject and method competences, students acquire general scientific and communicative competences required by successful professional scientists in an academic, business or public environment. In particular, this includes the following fields of knowledge and skills:
  1. Knowledge and understanding:
    - excellent knowledge in the relevant disciplines of sport science, especially in the core areas of sport science
    - detailed knowledge of those scientific disciplines that are relevant for the successful elaboration of the dissertation topic, especially the core areas of sport science, related relevant sciences, as well as the current literature relevant for the dissertation project.
  2. Practical skills:
    - skills to plan, practically carry out, and interpret scientific projects in sport science for the purpose of elaborating the dissertation topic and deepening as well as broadening the student's practical experience in project management.
    - differentiated skills for researching and critically interpreting scientific literature and

other information, including the use of data bases relevant in the field.

3. Communicative skills:

- skill to present scientific results independently; competence to critically discuss and analyze one's own scientific results and those of others, as well as concepts and projects with colleagues, laypersons and a scientifically competent audience.

4. Competences for the profession as a scientist:

- understanding the career profile of an independent scientist in academic, business and public environments
- knowledge of statistics for the collection and analysis of scientific data
- competence to write scientific publications
- competence to compile an application for research funding and knowledge of the pertinent national and international research funding organizations
- understanding ethically relevant issues (e.g. methods of data collection, plagiarism, co-authorship) in scientific practice and knowledge of the pertinent basic standards and problem solutions.

## § 2 Scope and Duration

The Doctor of Philosophy Programme Sport Science covers 180 ECTS-Credits. This corresponds to a study time of three years (six semesters).

## § 3 Admission

- (1) Valid proof of the necessary academic level for admission to the doctoral programme must be provided. This includes proof of completion of relevant diploma or master programmes, of completion of relevant diploma or master programmes at a university of applied science or completion of other equivalent studies at an accredited Austrian or non-Austrian post-secondary educational institution. If equivalency is given in principle, and only a few elements are missing for full equivalency, the rector's office is entitled to combine the equivalency with the obligation to pass certain examinations during the course of the doctoral programme.
- (2) Relevant studies are in any case
  1. the Master Programme in Sport Science completed at the University of Innsbruck,
  2. the Teacher Training Programme with diploma thesis in the School Subject Movement and Sports completed at the University of Innsbruck.

## § 4 Types of courses and maximum number of participants

- (1) Courses with continuous performance assessment:

**Seminars (SE)** are focused on detailed scientific discussion of contents and methods of an area of the subject. Presentations, papers and discussions are common tools of assessment. Maximum number of participants: 10

- (2) Courses without continuous performance assessment:

**Working groups (AG)** serve to treat a topic in collective fashion, examining theories, methods and techniques of an area using group work. Maximum number of participants: 5

## § 5 Allocation of places in courses with a limited number of participants

Students, the study time of whom would be prolonged without admission to the course, are given priority for admission.

## § 6 Compulsory modules

The following modules – equal to 30 ECTS-Credits – are compulsory:

1.	Compulsory module: Interdisciplinary Research Workshop	h	ECTS-Credits
a.	<b>AG Dissertation Project Planning</b> Familiarizing with and critically reflecting on theme-specific research methods, making of a plan for the dissertation, analyzing of and focusing on the problem dealt with, making of a time plan and carrying out the dissertation project and the data collection.	2	5
b.	<b>SE Presentation of the Dissertation Project</b> Presentation and interdisciplinary discussion of the dissertation project	2	5
c.	<b>SE Discussion of the Results</b> Discussion of methods, presentation of results and interdisciplinary discussion	2	5
	<b>Total</b>	<b>6</b>	<b>15</b>
	<b>Objective:</b> After the completion of this module, students have advanced knowledge in sports science, especially in the thematic field of their dissertation. They are qualified to create a plan including not only the theoretic background, but also methodical concepts for data acquisition and evaluation. They are qualified to integrate and present their research results.		
	<b>Prerequisites:</b> none		

2.	Compulsory module: Presentation of own Research Results	h	ECTS-Credits
	<b>Presentation of own Research Results</b>	-	5
	<b>Total</b>	-	<b>5</b>
	<b>Objective:</b> Students present research results at national and international forums; basic competences in research management and in applying for research funding are generated; students can present and critically evaluate results according to quality standards; they are able to analyze and critically evaluate their own research results and those of others; creation of a culture that is committed to research ethics and rejects plagiarism; Students are aware of their own subject-related strengths and weaknesses.		
	<b>Prerequisites:</b> Positive completion of Module 1.		

3.	Compulsory module: Generic Skills	h	ECTS-Credits
	Courses, as defined in the dissertation agreement, equal to 5 ECTS-Credits have to be completed. One course must be chosen from the field of "Equality and Gender". Additionally, courses are offered which develop didactic skills and competences for the subsequent knowledge transfer of	-	5

	the field.		
	<b>Total</b>	-	<b>5</b>
	<b>Objective:</b> After the successful completion of this module, students command advanced theoretical and practical knowledge, skills and competences in selected disciplines, as well as methods and general skills which empower them to pursue independent scientific work and help them succeed in their future careers.		
	<b>Prerequisites:</b> none		

<b>4.</b>	<b>Compulsory module: Doctoral Thesis Defense</b>	<b>h</b>	<b>ECTS-Credits</b>
	Final oral dissertation defense in front of an examination board	-	5
	<b>Total</b>		<b>5</b>
	<b>Objective:</b> Presentation, reflection on, and analysis of the dissertation results in the overall context of the doctoral programme; the focus is on summarizing and explaining results of the research project, on presenting the increase in knowledge for the discipline, on demonstrating evaluation and method competences, as well as on presenting the results.		
	<b>Prerequisites:</b> positive completion of all other modules and positive evaluation of the dissertation		

## § 7 Dissertation

- (1) In the course of the Doctor of Philosophy Programme Sport Science, a dissertation has to be written, which equals 150 ECTS-Credits. The dissertation is a piece of scientific work which – in contrast to a diploma or master thesis – serves to prove the student's ability to cope with scientific questions in an independent way.
- (2) The dissertation topic has to be chosen from the core area of sport science or show a close subject-specific relation to sport science.
- (3) The dissertation can be written as monography or as a selection of several articles. An article thesis must consist of a minimum of three articles that must be accepted for publication in acknowledge scientific journals – at least one of them must be listed in the “Journal Citations Reports Science Edition- Impact Factors”. Additionally, the student has to write an extensive summary of the subject area, the methods employed, and the results he/she has obtained; in doing so, the student must to refer to the finished, already published manuscripts included in the dissertation. Furthermore, the scientific work must be summarized and reflected on in relation to the current state of research in the area of the dissertation topic. Moreover, a preview has to be given of the future scientific and methodical development of the elaborated topic.
- (4) If the articles were written by several authors, the student's own contribution must be shown clearly and a presentation thereof must be added to the dissertation.
- (5) The student has to propose a team of supervisors, consisting of at least two people (dissertation committee), and to nominate one of them as main supervisor (holder of *venia docendi*) It is permissible to propose supervisors (with the exception of the main supervisor) from subject-related fields. In justifiable exceptional cases it is possible for students to propose only one supervisor.

- (6) Prior to beginning the work, the student has to communicate the dissertation topic and supervisors in writing to the Director of Studies. Topic and supervisors are considered as accepted, if the Director of Studies does not veto them by means of a decree within one month after the receipt of the proposal.

#### **§ 8 Examination regulations**

- (1) The evaluation of the compulsory modules 1 and 3 is based on course examinations.
- (2) The evaluation of courses with continuous performance assessment is based on the student's regular written and/or oral contributions. The lecturer is required to communicate evaluation criteria before the course starts.
- (3) Compulsory module 2 is evaluated by the main supervisor on the basis of a performance report written by the student.
- (4) The evaluation of compulsory module 4 " Doctoral Thesis Defence" is based on an oral exam taken in front of an examination board consisting of at least three examiners.

#### **§ 9 Academic degree**

Graduates of the Doctor of Philosophy Programme Sport Science are awarded the academic degree of "Doctor of Philosophy" or "PhD", in brief.

#### **§10 Coming into force**

- (1) This curriculum comes into force on 1 October 2009.
- (2) The modification of the curriculum as published in the University of Innsbruck Bulletin of 17 June 2014, issue 30, no. 507 comes into effect on 1 October 2014 and is valid for all students.

### Equivalence list – Doctor of Philosophy Programme Sport Science

Positively assessed exams, taken as part of the Doctor of Philosophy Programme Sports Science at the University of Innsbruck (curriculum published in the version of the University of Innsbruck Bulletin from 18 March 2009, Issue 44, No. 202) will be recognised as equal towards the exams of the curriculum published in the version of the University of Innsbruck Bulletin from 17 June 2014, Issue 30, No 507 as follows:

<b>Curriculum in the version of the University of Innsbruck Bulletin from 18 March 2009, Issue 44, No. 202</b>		<b>Curriculum in the version of the University of Innsbruck Bulletin from 17 June 2014, Issue 30, No. 507</b>	
§6 No. 1	KO Planning of the Dissertation Project (4 semester hours; 10 ECTS-Credits)	§6 No. 1a	AG Planning of the Dissertation Projects (2 semester hours, 5 ECTS-Credits)
§6 No. 2b	SE Presentation of the Dissertation Project (2 semester hours, 5 ECTS-Credits)	§6 No. 1b	SE Presentation of the Dissertation Project (2 semester hours 5 ECTS-Credits)
§6 No. 3b	SE Discussion and Results (2 semester hours, 5 ECTS-Credits)	§6 No. 1c	SE Discussion and Results (2 semester hours, 5 ECTS-Credits)

Performances that have been made according to the curriculum of 2009 but cannot be allocated are to be credited towards the ECTS-Credits of the dissertation to ensure that students are not disadvantaged.