

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).

Original version published in the University of Innsbruck Bulletin of 18 March 2009, Issue 44, No. 202

Amendment published in the University of Innsbruck Bulletin of 17 June 2014, Issue 30, No. 507

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Complete Version as of October 1 2019

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 analyse 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 compulsory modules corresponding to altogether 30 ECTS-Credits must be passed:

| 1. | Compulsory Module: Planning of the Dissertation Project | h | ECTS-Credits |
|----|--|----------|--------------|
| | AG Dissertation Project Planning Familiarising with and critically reflecting on topic-specific research methods, development of the disposition of the dissertation, analysis and focusing of the question, creating a schedule for the dissertation project and data collection | 2 | 5 |
| | Total | 2 | 5 |
| | Learning Outcomes: 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 prepare a work plan for the dissertation containing the theoretical background, the methodological procedures for data collection and data evaluation and the preparation of a time schedule for the dissertation project. The completion of the module includes the registration of the dissertation. | | |
| | Prerequisites: none | | |

| 2. | Compulsory Module: Generic Skills | h | ECTS-Credits |
|----|--|----------|--------------|
| | Courses covering altogether 5 ECTS-Credits, as specified in the dissertation agreement, must be passed. One course must be selected from the topical field of “equality and gender”. Additionally, courses are offered which develop didactic skills and competences for the subsequent knowledge transfer of the field. | - | 5 |
| | Total | - | 5 |
| | 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. | | |
| | Prerequisites: none | | |

| 3. | Compulsory Module: Analysis and Interpretation of Own Research Results | h | ECTS-Credits |
|----|---|----------|--------------|
| | SE Analysis and Interpretation of the First Own Research Results | 2 | 5 |
| | Total | 2 | 5 |
| | Learning Outcomes: After the successful completion of this module, the students are qualified to analyse, interpret and critically discuss their own data within the scope of a lecture in accordance with the current state of knowledge. Analysis and critical evaluation of own research achievements and research achievements of third parties; creating a culture committed to research ethics and that rejects plagiarism; knowledge of one’s own scientific strengths and weaknesses. | | |
| | Prerequisites: successful evaluation of compulsory module 1 | | |

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|-----------|---|----------|---------------------|
| 4. | Compulsory Module: Analysis and Interpretation of Own Research Results 2 | h | ECTS-Credits |
| | SE Analysis and Interpretation of Further Research Results | 2 | 5 |
| | Total | 2 | 5 |
| | Learning Outcomes: After successful completion of the module, students are qualified to analyse, interpret and critically discuss in a lecture their own data in accordance with the current state of knowledge. Development of basic competencies in research management and application for funding. Presentation and critical assessment of results according to applicable quality standards. | | |
| | Prerequisites: successful evaluation of compulsory module 3 | | |

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|-----------|--|----------|---------------------|
| 5. | Compulsory Module: Presentation of Own Research Results | h | ECTS-Credits |
| | Active participation in international scientific discourse in the context of conferences, meetings, projects and competitions. | - | 5 |
| | Total | - | 5 |
| | Making presentations of research results in national and international forums. | | |
| | Prerequisites: successful evaluation of compulsory module 1 | | |

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|-----------|--|----------|---------------------|
| 6. | Compulsory Module: Doctoral Thesis Defense (Rigorosum) | h | ECTS-Credits |
| | Final oral defense of the dissertation before a board of examiners. | - | 5 |
| | Total | - | 5 |
| | Learning Outcomes: Presentation, reflection on, and analysis of the dissertation results in the overall context of the doctoral programme; the focus is on summarising 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. | | |
| | Prerequisites: successful 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 for which the student must be named as first author. The articles must have been accepted for publication by acknowledged scientific publications, at least one of them must be listed in the “Journal Citation 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 refer to the finished, already published manuscripts included in the dissertation. Furthermore,

the scientific work must be summarised 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 performance of compulsory modules 1 to 4 is evaluated by course examination. Course examinations are
 1. examinations which serve to proof the knowledge and skills covered in one course in which course assessment is based on a single examination at the end of the course. The course instructor has to define and announce the method of examination (written or oral) and the assessment criteria before the course begins.
 2. courses with continuous performance assessment, for which the evaluation is based on regular written and/or oral contributions by the participants.
- (2) The course instructors have to inform the students in a suitable manner about the objectives, contents and methods used as well as the contents, methods and evaluation criteria of the course examinations before the start of the courses.
- (3) Compulsory module 5 is evaluated by the main supervisor based on a performance report written by the student.
- (4) The evaluation of compulsory module 6 "Doctoral Thesis Defense (*Rigorosum*) is based on an oral examination taken before an examination board consisting of 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.
- (3) The changes of the curriculum in the version of the University of Innsbruck Bulletin of 9 April 2019, Issue 34, No. 384 come into effect as of 1 October 2019 and are to be applied to all students.