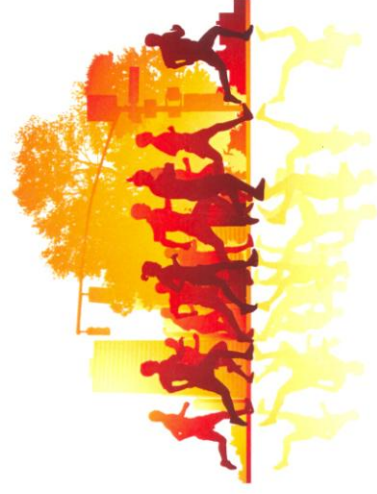




Doctoral Programme of **KINESIOLOGY**



Conducting measurements under competitive conditions



The extraction of lactate during a training session



Elite ski runner Petra Majdič being measured in the Physiological Lab

Admission requirements

In compliance with the last paragraph of Article 38a of the Higher Education Act (ZVUS-UPB3) and Article 16 of the Act Amending the Higher Education Act (ZVUS-E), the following may be admitted to the university doctoral study of Kinesiology:

- Graduates of second-level study programmes at the Faculty of Sport,
- Graduates of second-level study programmes from other fields of study, provided they have passed a special examination. The contents and the scope of the examination are defined by the Graduate Study Committee of the Faculty of Sport and depend on the candidate's completed university study programme and on the field of his doctoral study.
- Graduates of current master's study programmes after they have completed the pre-Bologna four-year bachelor's programme in kinesiology. The candidates' study requirements worth 60 credits are acknowledged.
- Graduates of the pre-Bologna four-year bachelor's programme for physical/sports education teachers.
- Graduates of other Slovenian and foreign universities, in accordance with the prescribed terms and conditions defined in the previous paragraphs.

The equivalence of the education obtained abroad is established using the procedure for acknowledging foreign education for the purpose of continuous education in compliance with Article 121 of the Statute of the University of Ljubljana.

Conditions for promotion within the study programme

To be promoted from the first to the second year of the doctoral study, the students must fulfil their study obligations worth at least 50 credits. The candidates who have fulfilled all of their study obligations from the organised forms of study of the first and second years can enrol in the third year of the doctoral study. The third and last year is dedicated to individual research work as well as the preparation and defence of the doctoral dissertation.

Types and forms of study

The proposed doctoral study programme is full-time and part-time. Full-time study will consist of organised courses and practical sessions, whereas part-time study will be organised depending on the number of enrolled part-time students pursuant to Article 91 of the Statute of the University of Ljubljana.

Terms and conditions for the completion of studies

The terms and conditions for the completion of studies and subsequent awarding of the academic title 'Doctor of Science' stipulate that the candidate must fulfil all his study obligations within the programme and successfully defend his doctoral dissertation, worth 180 credits in total. The doctoral candidate must publish at least one scientific article in the field of his doctoral studies in an SCI-indexed journal. The doctoral candidate must be the primary author of the article. The scientific article must be published or accepted for publication no later than the date of defence of the doctoral dissertation.

Fields of employment where you can fulfil your challenges!

The study programme is primarily aimed at educating Doctors of Science who will later, as well-established professionals, work as instructors and researchers at different higher education institutions.

Besides its fundamental qualification in the wider field of kinesiology, this doctoral study programme provides sufficient theoretic knowledge to allow individuals to work in a variety of other fields (e.g. tourism, health care, management, research and development departments at institutes and companies). The competences gained will allow them to play leading roles in top-level management.

Dear Students

The doctoral study programme of kinesiology lasts for three years, comprises 180 ECTS credits and represents a third-level study programme according to the Bologna Process. The reform is determined by the ongoing development in the Department of Kinesiology and the Department's needs for highly educated colleagues. We are following the developments of Slovene and international scientific research and have taken into account the needs of Slovene sport.

The course interconnects study with scientific research and developmental work. The main emphasis of the study programme is on independent, creative research of the student supervised by a mentor. Special attention is thus devoted to the relationship between the doctoral candidate and his or her mentor. The course prioritises elective over obligatory courses. In order to appropriately cover the increasingly diverse area of kinesiology, the course offers a broad selection of contents. This gives the student the opportunity to plan their research career and pursue their future employers' needs. Through obligatory seminars and by including elective core courses (transferable skills), we ensure an appropriate breadth of education.

On the recommendation of the European University Association (EUA), an international student exchange is planned. The study programme enables mobility within the sphere of organised courses as well as within the sphere of individual research. During the study programme, the student's active participation at local and international scientific and professional conferences is encouraged. This allows the student to develop the skills of scientific communication, critical examination of other people's achievements and the results of their own research. The completion of a doctoral dissertation is one of the fundamental obligations of the doctoral candidate. In it, the candidate shows competence in scientific ways of thinking and research abilities as well as presenting authentic contributions to science, which are published in at least one scientific journal.

Prof. Mojca Doupona Topič, PH.D.
Vice-dean of Science and Research



Competences gained in the course of the programme

- Ability to perform independent, creative scientific research and developmental work in the sphere of kinesiology.
- Ability to pursue and properly assess the latest achievements in the wider sphere of kinesiology.
- Critical attitude towards one's own research and developmental work.
- Ability to creatively and independently solve scientific issues.
- Ability to work well with experts from different fields.

The fundamental objective of the doctoral study programme of Kinesiology is to educate independent researchers with broad professional horizons and insightful methodological knowledge.

Structure of the programme

The doctoral study programme of Kinesiology lasts for three years, comprises 180 ECTS credits and represents a third-level study programme according to the Bologna Process. The study obligations comply with Articles 36 and 37 of the Higher Education Act and the Criteria on Accreditation of Higher Education Institutions and Study Programmes, which were adopted by the Higher Education Office of the Republic of Slovenia, and are evaluated according to the European Credit Transfer and Accumulation System (ECTS). This is a foundation of the international student exchange in the countries where the same or comparable credit systems are used.

The study programme consists of organised forms of study worth 60 ECTS credits. The remaining 120 ECTS credits are dedicated to research for doctoral dissertation. Each year comprises 60 ECTS credits, each semester 30 ECTS credits. The study programme structure is shown in the charts below.

1st year: organised courses; 30 ECTS credits out of 60 ECTS credits

1st semester	ECTS	2nd semester	ECTS
Core course (C, Co)	5	Elective course 1 (T, E)	5
Elective core course (C, E)	5	Elective course 2 (T, E, M)	5
Elective course 3 (T, E, M)	5	Seminar (presentation of doctoral thesis)	5
Individual research work	15	Individual research work	15
Together	30	Together	30

2nd year: organised courses; 10 ECTS

3rd semester	ECTS	4th semester	ECTS
Individual research work	30	Individual research work	20
Theme of Doctoral Thesis (Co)	10	Theme of Doctoral Thesis (Co)	10
Together	30	Together	30

3rd year: organised courses; 20 ECTS

5th semester	ECTS	6th semester	ECTS
Individual research	30	Individual research	10
Doctoral Thesis (Co)	20	Doctoral Thesis (Co)	20
Together	30	Together	30

C: core courses; T: technical courses; E: elective courses; Co: compulsory; M: mobility

Mobility

Upon consultation with his mentor, the doctoral candidate can select one or more courses from other study programmes of the University of Ljubljana, worth up to 10 ECTS credits (16.67%). The student can attend courses at another university for a maximum of two semesters (and thus gain up to 60 ECTS credits); up to one third (33.33%) of his obligations are thus fulfilled elsewhere.

Research work for the doctoral dissertation

The research work focuses on the preparation of the doctoral dissertation, worth 120 ECTS credits. This comprises individual scientific research under the mentor's supervision. In the sphere of research work, the student is expected to take part in laboratory work, which can take place in the following laboratories at the Faculty of Sport:

- Sport Physiology Laboratory
- Sports Medicine Diagnostics and Nutrition Laboratory
- Psycho-diagnostics Laboratory
- Motoric Behaviour Laboratory
- Biodynamic of Physical Effort Laboratory
- Biomechanics Laboratory
- Kinesiology Laboratory
- Centre for the Diagnosis of Physical and Movement Development
- Motoric Control Laboratory

List of courses and their leaders/lecturers

Core courses

Course leader	Name of the course	ECTS
1 Prof. Anuška Pečigoj, PH.D.	Research Methods in Kinesiology 1	5
2 Prof. Vojko Strojnik, PH.D.	Research: Moduli 1; Natural-science Contexts of Kinesiology	5
Prof. Mojca Doupona Topič, PH.D.	Modul 2; Social-science Contexts of Kinesiology	

Natural science elective courses

Course leader	Name of the course	ECTS
3 Prof. Milan Čoh, PH.D.	Modelling of Speed Training Processes	5
4 Prof. Anton Ušaj, PH.D.	Methods of Teaching Long-term Effort	5
5 Prof. Branko Škof, PH.D.	Training Process Optimisation in Endurance Sport Activities	5
6 Prof. Vojko Strojnik, PH.D.	Neuro-mechanical Practicum	5
7 Asst. Prof. Matej Šupej, PH.D.	Research Methods and Modelling in Sport Movement Biomechanics	5
8 Prof. Branko Dožman, PH.D.	Kinesiology in Poly-structural Complex Sports	5
9 Prof. Milan Čoh, PH.D.	Kinesiology in Mono-structural Sports	5
10 Prof. Ivan Čuk, PH.D.	Kinesiology in Poly-structural Conventional Sports	5
11 Asst. Prof. Edvin Dervišević, PH.D.	Isokinetics	5

Social science elective courses

Course leader	Name of the course	ECTS
12 Asst. Prof. Tanja Kajma, PH.D.	Cognitive and Physiological Aspects of Psychological Processes in Sport	5
13 Prof. Marjeta Kovač, PH.D.	Competence in Sport	5
14 Prof. Janko Strel, PH.D.	Bio-psycho-social Contexts of Kinesiology	5
15 Prof. Mojca Doupona, PH.D.	Sociology of Sport	5
16 Prof. Mojca Doupona Topič, PH.D.	Media Aspect of Sport Research	5
17 Prof. Mateja Videmšek, PH.D.	Special Sport Activity Management in Sport	5
18 Prof. Jakob Bednarik, PH.D.	Management in Sport	5
19 Prof. Bojan Jost, PH.D.	Sport Philosophy	5
20 Asst. Prof. Saša Čecić Erpič, PH.D.	Developmental Psychology in Sport	5

Natural and social science elective courses

Course leader	Name of the course	ECTS
21 Asst. Prof. Bojan Leskovec, PH.D.	Research Methods in Kinesiology 2	5