



Zagreb, Horvaćanski zavoj 15
Office for PhD study

PhD PROGRAM KINESIOLOGY

STUDY PLAN – Student JMBAG: 0034115986

In order to ensure an adequate student passing rate and the continuation of the study, the overall student requirements are distributed in such a manner that the first year of study includes the most requirements, whereas the second year of study is somewhat relieved, so that in the third year of study there is no teaching process, as the student's activity is directed towards finalizing the doctoral dissertation.

EXAM OBLIGATIONS

Nr.	REQUIRED COURSES	Year of enrolment	Total hours	COURSE LEADER	COURSE LEADER e-mail
1	Measuring Instruments in Experimental Kinesiology	1	42/12	Prof. Pavle Mikulić, PhD	Pavle.mikulic@kif.hr
2	Scientific Writing, Publishing and Evaluation	1	18/5	Prof. Goran Marković, PhD	Goran.markovic@kif.hr
3	Research Methodology of Kinesiology	1	24/8	Assoc. Prof. Vlatko Vučetić, PhD	Vlatko.vucetic@kif.hr
4	Applied Kinesiology Research	1	40/10	Assoc. Prof. Sanja Šalaj, PhD	Sanja.salaj@kif.hr
5	Statistical Methods in Kinesiology	1	34/10	Prof. Miljenko Marušić, PhD	miljenko.marusic@math.hr

MODUL A - KINESIOLOGY OF SPORT

Nr.	COURSES OF ELECTIVE MODULES	Year of enrolment	Total hours	COURSE LEADER	COURSE LEADER e-mail

1	Research on Sport and Sport Activities	1	20/5	Prof. Damir Knjaz, PhD	damir.knjaz@kif.hr
2	Research on Athlete Characteristics	2	20/5	Prof. Luka Milanović, PhD	luka.milanovic@kif.hr
3	Research on Transformation Processes in Sport	2	20/5	Assoc. Prof. Sanja Šalaj, PhD	sanja.salaj@kif.hr

MODUL B - BIOMECHANICS AND MOTOR CONTROL IN SPORT AND EXERCISE

Nr.	COURSES OF ELECTIVE MODULES	Year of enrolment	Total hours /ECTS	COURSE LEADER	COURSE LEADER e-mail
1	Human Movement Control – Neurophysiological Aspects	2	20/5	Prof. Pavle Mikulić, PhD	pavle.mikulic@kif.hr
2	Selected Biomechanics and Motor Control Chapters	2	20/5	Prof. Mario Kasović, PhD Prof. Goran Marković, PhD	mario.kasovic@kif.hr goran.markovic@kif.hr
3	Biomechanics of Locomotion	2	20/5	Prof. Mario Kasović, PhD	mario.kasovic@kif.hr

REQUIREMENTS FOR STUDENT'S ADVANCING TO THE SUBSEQUENT YEAR OF THE STUDY

In line with the above stated, the student is entitled to **enrol to the second year of study** upon fulfilling his study requirements, which means earn at least 20 ECTS credits from passing exams from the distribution group I before the end of the enrolment closing date.

The student is entitled **to enrol to the third year of study** if he passes all the exams which are left from the distribution group I and if he earns at least another 15 ECTS credits from passing exams from the distribution group II before the end of the enrolment closing date.

SCIENTIFIC ACTIVITY FROM FIRST TO THIRD YEAR:

The student must participate in two scientific or scientific and expert conferences, out of which at least in one of those conferences he must participate in terms of actively presenting a paper, for which a corresponding receipt must be procured. The student also must participate at least in one scientific workshop. Every year the student must provide certificates for meeting the above requirements.

Before enrolling in the second and the third year of study, the doctoral student submits an annual report on his research progress, whereas the supervisor presents an annual report on the student's progress.

DOCTORAL THESIS PROJECT

In the course of the first semester, a potential supervisor becomes the chosen supervisor by signing an approval confirming his acceptance of the doctoral student, then combined with the student, they choose and **submit the topic for the doctoral thesis before the student enrolls in the third semester**. Within that same period of time, they are required to submit a proposal elaborating the financial conditions for

the research in order for the Board of Doctoral Study to assess if the research can be realistically carried out.

The defence of the doctoral thesis project is public.

In order for the Board of Doctoral Study to approve a topic and appoint a Committee for Doctoral Thesis Project Evaluation, the topic must be distinctly elaborated, that is, the thesis title must provide the most condensed description of the thesis, the key words must thoroughly demonstrate the objectives of the research, and the problem analysis must provide information on whether similar research on the problem in question have previously been conducted (when and where), in what aspect would this research be different than others, and with an explanation of how science accounts for the problems associated with such research.

The objective of the research must be concise and accurately specified, whereas the scientific hypothesis of the research must be correctly formulated. In the predicted plan of work during the research, the student should pay special attention to the description of examinees or materials which will constitute a sample and he should mention the size of the sample, the existence of a control group, and he should elaborate on the specific quality regarding the research topic. All essential procedures mentioned in the chapter on Methods must be adequately illustrated and explained, and if a procedure is briefly described, the bibliographical quotation from the published paper in which the procedure is explained in detail must be stated.

Upon registering the research, it should be clearly stated that honouring bioethical standards and principles is assured in keeping with the established scientific standards. The research methodology should intelligibly explain in which manner the information shall be gathered, which features and measuring instruments will the gathered information demonstrate, and which statistical procedures will be used for their analysis. The student must also specify the importance of his research, as well as its expected scientific impact. In case that the afore said, for some reason, cannot be applied to a student's research topic, the student must present particular reasons demonstrating the specific quality of his research. The Board of Doctoral Study shall pay special attention to the predicted scientific contribution of a research, as in that respect each research is expected to demonstrate an original scientific contribution and sufficient arguments explaining its scientific justifiability.

Likewise, the Committee for Doctoral Studies shall particularly evaluate the realistic conditions for conducting a research, such as financial resources, laboratory equipment, availability of laboratories and other similar requirements, in order to avoid having a doctoral student be compelled to considerably prolong his research or even fail to complete it.

The public doctoral thesis defence must take place no later than three months after submitting the DR.SC.01 form, after the forming of the Committee for Doctoral Thesis Evaluation and Supervisor Proposal which is appointed by the Faculty Council at the proposal of the Board of Doctoral Study. Likewise, another prerequisite for the public doctoral thesis defence is the approval from the Committee for Scientific Work and Ethics which is associated with ethical aspects of the research.

After the public doctoral thesis defence, based on the grade from the Committee for Doctoral Thesis Evaluation and Supervisor Proposal, the Board of Doctoral Study proposes to the Faculty Council to make the final decision on accepting the doctoral thesis topic, which is then forwarded to the Field Committee of the University of Zagreb. The Senate of the University of Zagreb approves the doctoral thesis topic and the supervisor during four semesters.

At the end of the third year of study, and no later than six months before the expansion of the student's right to complete his study, the doctoral student must **present his doctoral thesis**, as well as a written consent and evaluation from the supervisor on the conducted research. The Board of Doctoral

Study determines if the doctoral student met all the requirements specified in the study program (passed exams, fulfilled scientific requirements, and successfully defended doctoral thesis project - earned 130 ECTS credits) and then proposes to the Faculty Council to appoint the Committee for Doctoral Thesis Evaluation. No later than two months after its appointment, the Committee for Doctoral Thesis Evaluation submits a written report with the grade for the doctoral thesis. After accepting the decision on the grade for the doctoral thesis, the Faculty Council appoints the Committee for Doctoral Thesis Defence. Following the completion of the public defence of the doctoral thesis, the Committee for Doctoral Thesis Defence presents a transcript on the public defence in question, thereupon the doctoral study is considered to be completed.

Financial obligations

First year:

- study costs for the academic year 2025/2026 in the amount of 2.600,00 EUR in one instalment upon enrolment
- special fee for the administration of the study for foreign citizens in the total amount of 2.800,00 EUR no later than 1 March 2026

Second year:

- study costs for the academic year 2026/2027 in the amount of 2.600,00 EUR in one instalment upon enrolment
- special fee for the administration of the study for foreign citizens in the total amount of 2.800,00 EUR no later than 1 March 2027

Third year:

- study costs for the academic year 2027/2028 in the amount of 2.600,00 EUR in one instalment upon enrolment
- special fee for the administration of the study for foreign citizens in the total amount of 2.800,00 EUR no later than 1 March 2028

In addition to the determined fixed amount of the tuition fee, the student also bears separate charges for covering the costs of producing and defending the doctoral dissertation in the amount of 2.800,00 EUR (upon submitting the research project), as well as all related costs for the making of the diploma, the tube for the diploma and the official promotion ceremony which are determined by the University of Zagreb.

Head of the Doctoral Study

Supervisor

Student

Prof. Lana Ružić Švegl, PhD, MD

Assoc. Prof. Saša Vuk, PhD

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