

UNIVERSITY OF BELGRADE  
FACULTY OF SPORT AND PHYSICAL EDUCATION

STUDY PROGRAM  
*DOCTORAL ACADEMIC STUDIES*  
*PHYSICAL EDUCATION AND SPORT*

Belgrade, 2020

## **INTRODUCTION**

Name of the study program	Physical Education and Sport
Name of the institution administering a joint - mutual study program (if more institutions participate)	/
Higher education institution administering the study program	University of Belgrade - Faculty of Sport and Physical Education
Educational-scientific/Educational-art field	Humanities and Social Sciences
Scientific or art field	Physical Education and Sport
Program load (expressed by ECTS credits)	180
Name of the degree	Ph.D. in Physical Education and Sport
Duration of studies	3 years
The year in which the study program commenced	/
The year in which the study program will start (in case of a new program)	2021
Number of accredited students in this study program	/
Planned number of students to be enrolled to the first year of study (overall number: first year x3) of this study program	20 x 3 = 60
Date of approval by the competent body (indicate the body)	27.11.2020. – Academic Council of the Faculty of Sport and Physical Education of the University of Belgrade
Language of instruction	Serbian and English
Year of the Program accreditation	/
Web address containing the program details	<a href="http://www.fsfv.bg.ac.rs">www.fsfv.bg.ac.rs</a>

## **SPECIAL STANDARD**

The Faculty of Sport and Physical Education has a program of scientific research work for the years 2020-2024, adopted on April 28<sup>th</sup> 2020. The Faculty is accredited by the Decision no. 660-01-0008/14 of the Ministry of Education, Science and Technological Development, of June 9<sup>th</sup> 2020, for performing scientific research activities in accordance with the Law.

In the last five years, forty-three doctoral dissertations have been defended at the Faculty, and 265 students have their master studies completed in the same period.

Out of forty-seven teachers employed at the Faculty, twenty-six of them are involved in scientific research projects. In the last ten years, forty-seven teachers have had 526 papers published in journals from the list categorized by the Ministry competent for science.

Cooperation has been established with a number of institutions (forty) in the country and worldwide. The higher education institution employs thirty-three full-time teachers who meet the criteria to be mentors in the preparation of doctorates.

## **STANDARD 1**

### **STRUCTURE OF THE STUDY PROGRAM**

In order to develop the scientific field of physical education and sport, to improve scientific research and professional work and training for conducting independent scientific research, the Faculty organizes doctoral studies of the Physical Education and Sport.

Upon completion of their studies, students are trained to conduct scientific research and to independently perform scientific work. Thus, they acquire the professional scientific title of **Doctor of Science in Physical Education and Sport**.

General enrolment conditions are prescribed by the Law on Higher Education and the Statute of the Faculty. Detailed conditions, enrolment, organization, and the procedure of preparation, evaluation and defending of the doctoral dissertation are regulated by the *Faculty Rulebook on Doctoral Studies*.

The study program corresponds to a workload of 180 ECTS. It lasts for six semesters. The first year of study is joint, and in the second year, the program is realized in two modules: Module of Fundamental Research in Physical Education and Sport and Module of Applied Research in Physical Education and Sport. The program consists of compulsory and elective courses, independent research work and the preparation of a doctoral dissertation. The student workload is expressed through the number of ECTS and is evenly distributed throughout the semesters. In the first year, students attend and take an exams in three compulsory and one elective methodological course. Within the module, during each semester of the second year, students attend and take exams in two elective courses and in Lab Research Work.

The details of the courses and their general contents are provided on the Faculty's website. The courses have prescribed pre-examination obligations and the manner of taking the exams. Lab Research Work, Writing a research paper and Doctoral dissertation are planned to take place in the third year of studying (30 ECTS). There are no special conditions for course enrolment.

A student can acquire some ECTS from the study program of the same or another university. The student who has completed a master's degree in academic studies (300 ECTS) at another faculty with an average grade of at least 8 can also attend the studies. If a candidate from another faculty does not have the necessary prior knowledge to attend the study program of doctoral studies, she/he should take additional exams in courses of basic or master academic studies.

The Council of Doctoral Studies is a competent body in regards to the study program.

## **STANDARD 2**

### **PURPOSE OF THE STUDY PROGRAM**

The purpose of the study program is to complete the process of education of the Faculty students enabling them to acquire the highest professional title in the field of physical education and sport. The study program thus contributes to the improvement of scientific research and professional work and the development of the scientific field of physical education and sport and science in general. The study program provides the students with introduction to the modern scientific knowledge and achievements in the interdisciplinary field of social sciences, the humanities and sports sciences, as well as introduction to the research problems in these fields.

The study program provides the acquisition of competencies that are socially, not only justified and useful, but also necessary, trains staff to independently conduct original scientific research and develop new technologies.

The program enables: connection with other higher education institutions and scientific institutes dealing with research in the field of social sciences, the humanities and sports sciences, as well as in various interdisciplinary research, participation in scientific conferences, and increasing the Faculty's references in the field of physical education and sports.

The study program is the basis for the design of new scientific research projects, which gives a great contribution to the introduction of new generation of scientists into the scientific field of Physical Education and Sport. The program trains a student to be an independent scientific worker who will be guided in their scientific research work by the highest professional and ethical standards.

The purpose of the study program is in line with the basic objectives of the Faculty of Sport and Physical Education and it ensures continuity in providing the highest level of education to the necessary staff, ready to put the acquired knowledge in the service of further improvement of all segments of physical education and sport.

The study program is coordinated with the general mission of the Faculty of Sport and Physical Education in creating modern, competent and independent experts, and in accordance with the needs of the community.

## **STANDARD 3**

### **OBJECTIVES OF THE STUDY PROGRAM**

The educational objectives of the doctoral study program are in line with modern trends of education worldwide, as well as with the needs of our society. They arise as a result of the objective perception of the state of requirements for providing staff with the highest level of education in the field of physical education and sport.

The Faculty of Sport and Physical Education organizes doctoral studies in order to: enable a comprehensive perception and understanding of the research process, especially scientific research methods of physical exercise in the field of physical education, sports and recreation from the aspect of its interdisciplinarity (social sciences, the humanities and other borderline scientific disciplines); development of the scientific field of physical education and sport, and improvement of scientific research and professional work. The objective of doctoral studies is to provide the acquisition of certain fundamental theoretical and especially practical, applicable knowledge, use of relevant research methods and techniques, training students to stay updated on the modern literature, use of databases, use of modern equipment required for scientific research, introduction to modern information and communication technologies, interpretation of research results and development of critical thinking.

The study program trains staff to independently conduct original scientific research and develop new technologies and to perform independent scientific work in accordance with the highest professional and ethical standards.

By way of attending classes, through research work, and by publishing the results of their work, students will have the opportunity to communicate with the corresponding institutions, dealing with the same or similar matters, both national and international.

The objectives of the doctoral study program are coordinated with contemporary research directions in the social sciences, the humanities and the scientific field of physical education and sports, and are also in accordance with the basic tasks and objectives of the Faculty of Sport and Physical Education.

#### **STANDARD 4**

##### **COMPETENCIES OF GRADUATED STUDENTS**

The program of doctoral studies enables students to, upon completing their studies and obtaining the professional title **Doctor of Science in Physical Education and Sports**, acquire necessary knowledge, master the appropriate skills, as well as to develop abilities and competencies to:

- independently solve practical and theoretical problems, organize and carry out developmental and scientific research in the field of physical education and sports, both in the part of fundamental and in the part of applied research,
- participate in the realization of international scientific projects, which, in this field, are conducted in referential national and international institutions,
- contribute to the development of new technologies and procedures within their professional field and to understand and apply the latest knowledge in the scientific field of physical education and sports,
- think critically, act creatively and independently,
- respect the principles of the code of ethics of good scientific practice,
- communicate on a professional level in presenting scientific research results,
- present scientific research results at scientific conferences, in scientific journals, through patents and new technical solutions,
- contribute to the development of the scientific discipline and science in general.

Upon completion of doctoral studies at the Faculty of Sport and Physical Education, the student also acquires the following subject-specific competencies:

- thorough knowledge and understanding of disciplines relevant for physical education and sports,
- ability to solve problems using scientific methods and procedures applied in research in the field of physical education and sport,
- linking fundamental knowledge from different (borderline) fields important for the field of physical education, sport and recreation and their application,
- ability to track contemporary achievements in science and their professional field,
- ability to successfully apply the acquired knowledge and skills to all spheres of physical education, sport and recreation,
- ability to apply information and communication technologies in mastering the knowledge of the relevant field.

The competencies acquired by mastering the study program enable students to further develop professionally in the field of science, education and in the public sector in the field of physical education, sport and recreation.

## **STANDARD 5**

### **CURRICULUM**

In the course of the doctoral studies, the study program “Physical Education and Sports” was designed to offer first three compulsory and one elective methodological course in the first year of study whereas two of the seven elective courses are to be selected by students in both semesters of the second year of study. Once the students have completed the exams, they can start preparing their doctoral dissertations in the third year of study.

The study program curriculum highlights the following on training of students to:

- independently select the subject matter of their research, find and analyse appropriate literature related to the research matter of choice,
- independently design dynamics, plan, and carry out necessary research phases,
- independently present research results in the form of scientific work and dissertation,
- form an objective critical stance towards the results of other people's and own research.

The study program corresponds to a workload of 180 ECTS. The studies last for six semesters.

The curriculum consists of compulsory and elective courses, independent research work and the preparation of a doctoral dissertation.

The value of the doctoral dissertation as the independent research work of the student amounts to 30 ECTS. Doctoral studies envisage that the student will acquire 90 ECTS by way of taking elective courses and courses related to the topic and preparation of the dissertation.

The number of credits corresponding to elective courses and other elective contents of some compulsory courses is 50%. Elective courses are selected from an elective courses list, in agreement with the mentor, and in accordance with requirements of the research being conducted.

The last year of study is intended only for conducting research work and completion of the doctoral dissertation. Before completing the doctoral dissertation, the student is obliged to publish at least one related scientific research paper in a renowned of international journal (SCI-grade journals, i.e., the list of the Ministry of Science).

The procedure for applying for doctoral dissertation, preparation and defending a doctoral dissertation is determined by the *Rulebook on Doctoral Studies*.

The specification of each course in the study program prescribes pre-examination obligations, their share in the total number of credits, as well as the manner of taking an exam, all of which is specified in the *Course Catalogue* of the doctoral study program.

## **STANDARD 6**

### **QUALITY, MODERNITY, RELEVANCE AND INTERNATIONAL COMPLIANCE OF THE STUDY PROGRAM**

The doctoral studies study program offers students the latest scientific knowledge in the field of physical education and sport. The program is comprehensive and compliant with other study programs of the Faculty. It is essentially and formally harmonized with the strategies of development of education, science and profession in the Republic of Serbia.

Students are able to comprehend and understand the research process fully through theory and practice. They are trained to apply a complex methodology of scientific research work from the field of social

sciences and humanities, as well as some of the related sciences, in fundamental, applied and experimental research in the field of physical education, sport and recreational activities.

Within the module of fundamental research, students shall:

- apply the methodology from the field of biomechanical and motor control to various research problems in the field of physical education and sport,
- be introduced to modern methods and protocols for the assessment of motor abilities, methods of interpretation of the results and their implementation within the monitoring of development processes and methods of organized physical activity,
- be introduced to the current theoretical and practical problems in the physiology of physical activity and critical analysis of the results.

Within the module of applied research, students shall:

- be introduced to the current theoretical and practical problems in applied research in the field of physical education as well as enabled to implement them,
- be introduced to the current theoretical and practical problems in applied research in the field of sport and recreational activities and enabled to implement them as well as become familiar with the modern methods of sports training and physical exercise and methods of organization and monitoring of their effects,
- be introduced to the current theoretical and practical problems in the field of psychological and sociological research in physical education, sport and recreation; and enabled to implement them.

The study program is formally and structurally harmonized with European accreditation standards in terms of all segments of studying such as enrolment conditions, duration of studies, conditions for transition to the next year, earning the diploma and the method of study, as well as with the accredited programs from the international physical education and sport area:

- FSSPE Faculty of Sport Sciences and Physical Education University of Coimbra Portugal  
<https://www.uc.pt/en/fcdef/Learning/PhDCourseSportSciences>
- NTNU Trondheim – Physical Education and Sport (Norway)  
<https://www.ntnu.edu/phd>
- Faculty of Kinesiology, Zagreb University  
[https://www.kif.unizg.hr/studiji/doktorski\\_studiji/studijski\\_program](https://www.kif.unizg.hr/studiji/doktorski_studiji/studijski_program)

## **STANDARD 7**

### **STUDENT ENROLMENT**

The number of students enrolled in the study program of doctoral studies at the Faculty shall be 20 students.

The right of enrolment in the first year of doctoral studies is granted to persons who:

- have completed studies with at least 300 ECTS credits in basic academic and master academic studies, or at least 300 ECTS credits in integrated academic studies, or have completed at least four-year studies, according to the laws and regulations in force until September 10<sup>th</sup> 2005 and whose general average mark is minimum 8 in basic academic and master academic studies, i.e., integrated academic studies or
- have completed studies with at least 300 ECTS credits in basic academic and master academic studies, i.e., integrated academic studies and with an average mark lower than 8 but higher than 7 in basic academic and master academic studies or integrated academic studies, and who have written two scientific papers published in journals included in the list of the competent ministry prior to their

enrolment in the doctoral studies. The candidate needs to be the first author in at least one of the scientific papers.

The order of candidates regarding the enrolment in the doctoral studies shall be determined based on their general average marks and duration of studies in basic academic and master academic studies, achieved scientific results and other conditions stipulated by the competition.

The candidates who have completed the studies in accordance with the curriculum which does not provide necessary knowledge required prior to the enrolment in the doctoral study program shall take additional exams. Candidates are required to pass the additional exams by the end of the first year of studies.

The right of enrolment in the doctoral study program is granted to the persons who have started doctoral studies in the same or a related scientific field at other higher education institutions, in compliance with the general acts of the University and the Faculty.

A person who speaks English language may also enrol in the doctoral studies. The level of language competences for English - Cambridge Advanced Certificate in English (CAE) or IELTS (International English Language Testing System) or completed secondary education in English language.

The enrolment procedure is public. The University shall announce the competition for enrolment no later than five months prior to the beginning of the school year. The competition shall include: number of students, enrolment conditions and deadlines, manners of candidate testing and determining the order of candidates, method of conducting the competition, procedures and deadlines for filing complaints against the established order of candidates and amount of the tuition fee.

The competition shall be published on the web page of the University and the Faculty.

## **STANDARD 8**

### **EVALUATION AND PROGRESS OF STUDENTS**

Assessment of students is carried out by continuous monitoring of students' work and progress and the methods of monitoring and evaluation are described in details in the course book included in the doctoral studies study program. A mentor's task is to monitor students' performance related to the fulfilment of their obligations.

The structure of points earned or acquired by students (by fulfilling their obligations) during the education in doctoral studies is as follows:

#### **Compulsory courses:**

- courses which are common for both modules are realized during the first two semesters (45 ECTS).

#### **Elective courses:**

- one course is taught in the second semester, and during the third semester, students shall choose two courses included in the selected module, in accordance with the content of their doctoral dissertations (20 ECTS).

#### **Selected topics (seminars):**

- realized during the fourth semester and students are required to choose seminars in accordance with the content of their doctoral dissertations; students shall choose two seminars in the selected module (20 ECTS).

#### **Research work in laboratories**

- realized in the second and third year of studies, aimed at enabling students to perform independent research work, primarily through mastering different methods in the scientific fields relevant for the topic. This type of activity represents an integral part of the process of



project, i.e doctoral dissertation development. By fulfilling the imposed obligations, students shall earn 30 ECTS credits.

#### **Preparation and defence of a doctoral dissertation**

- drafting of a doctoral dissertation starts with the application of a research project after the third semester and ends with the defence. The conditions for the defence of a doctoral dissertation include: a) passing exams, b) fulfilment of the obligations provided for by the curriculum, c) publishing at least one paper in the category of international scientific journals, in the field closely related to the content of doctoral dissertation, in which the candidate is the first or second author, provided that the mentor is the first author. The total number of ECTS credits in regard to the preparation of a doctoral dissertation is 100: 20 (elective courses related to the dissertation) + 30 (research work in laboratory) + 50 (writing a research paper and defence of the dissertation). The manner and procedure of preparation and defence of the dissertation is regulated by the Rulebook on doctoral studies.

### **STANDARD 9**

#### **TEACHING STAFF**

The President of the Council of doctoral studies is also a manager of the study program who is responsible for organizing admission of students, the teaching and observance of the legal norms and procedures for conducting the studies from admission to the defence of dissertations.

The Faculty of Sport and Physical Education has defined criteria for the selection of teachers working full-time in compliance with the criteria for the selection of teachers at the University of Belgrade. The Faculty has cooperation with other scientific research institutions whose researchers are involved in the research projects realized at the Faculty of Sport and Physical Education.

The doctoral studies study program of Physical Education and Sport is carried out by 21 teachers, including 18 teachers who are employed full-time at the Faculty of Physical Education and Sport, two senior scientific associates and one scientific advisor from the Institute for Medical Research of the University of Belgrade.

The total class load in the study program (joint first year and two modules in the second and third year respectively) amounts to 6240 classes including 1440 lectures and 4800 classes of independent research work. The Faculty has a sufficient number of teachers who will take part in this study program (22), including 19 teachers who have full-time employment and 3 teachers with whom a contract on teaching engagement has been concluded (employed by the Institute) to meet the prescribed criterion regarding the burden of teachers.

Until last year (2019), there were 11 projects of the Ministry of Education, Science and Technological Development implemented at the Faculty, and following the cessation of funding of these projects and the transition to institutional funding, the teachers have continued the realization of the activities envisaged by these projects, whereby these scientific research activities have been incorporated into the Faculty's research plan. In addition, another 18 international and national projects are being implemented from other sources of funding, out of which 9 projects belong to the projects funded by the European Commission within the Erasmus+ programme for sport. Thanks to the results achieved in these projects, the Faculty has a sufficient number of reference teachers who meet the requirements for teaching, i.e., mentoring in doctoral studies.

## **STANDARD 10**

### **ORGANIZATIONAL AND MATERIAL RESOURCES**

Scientific research and expert work represent the basis of realization and improvement of teaching process and it is carried out in accordance with short-term (annual: 2020/2021) and long-term plans and programs of scientific research work. The Faculty has adopted the Scientific Research Program for the 2020-2024 period.

The funds for the realization of doctoral studies are also provided through the institutional funding by the Ministry of Education, Science and Technological Development and based on the Research Plan proposed by the teachers and adopted by the Academic Council.

For the teaching purposes, the following have been provided: auditoriums, 4 amphitheatres and 2 classrooms, a methodological research laboratory with accompanying equipment based on modern information and communication technologies, an IT classroom with 20 seats, a library reading room equipped with 16 computers and library fund necessary for the execution of the planned program of doctoral studies, as well as an access to the databases which are necessary for the preparation of doctoral dissertations and scientific and research work.

The Faculty has cooperation agreements concluded with the related faculties in the region (Zagreb, Split, Banja Luka, Ljubljana) realizing all forms of cooperation with them. Also, the Faculty cooperates with the National Sports Academy "Vasil Levski" from Sofia, which the post-graduate students had an opportunity to visit in the previous period. In addition, the Faculty is a coordinator of the cooperation between the University of Belgrade and Kapodistrian University of Athens. During the past period, the Faculty realized cooperation with the Delavar University through study stays by doctoral students.

## **STANDARD 11**

### **QUALITY CONTROL**

The quality of the doctoral studies study program is assessed through the process of self-evaluation and external quality control. The manner of the quality assurance of the institution and study programs is determined by the Statute and the Rulebook on standards and procedures for self-evaluation. The Academic Council appoints the Quality Assurance and Improvement Committee as well as the Committee for monitoring and improving the quality of teaching. The Self-Evaluation Committee conducts the procedure of self-evaluation and the quality assessment of the study programs, teaching and working conditions. Students are involved in the work of all committees and working bodies that deal with the quality assurance, self-evaluation and accreditation.

Monitoring of the quality of doctoral dissertations and prevention of plagiarism are ensured by the provisions of the Rulebook on doctoral academic studies of the Faculty of Sport and Physical Education.

## **STANDARD 12**

### **TRANSPARENCY**

Based on the electronic catalogue "COBISS", the Faculty has set up a digital repository in which electronic versions of defended doctoral dissertations are permanently stored, together with the mentor's data and the composition of the commission and the data on the scientific works of the candidates, whose publication was a prerequisite for the defence, thus making all the information publicly available.

Details about scientific research results of the teachers can be found on the Faculty's website, therefore, public access to the teachers' competences and their previous mentorships is provided.

### **STANDARD 13**

#### **STUDIES IN FOREIGN LANGUAGES**

There is a sufficient number of teachers in the study program who have relevant competences to teach in English. All the courses are covered by the teachers who have necessary competences.

The Faculty's library has the library fund of more than 900 library units in English.

The Faculty provides teaching materials and tools in English.

Services that work with students are able to provide services in English.

The Faculty ensures that public documents and administrative documents are issued on a bilingual form in the Serbian language and Cyrillic script and in English as well.

Students must have satisfactory language competences in the world language in which the study program is delivered, i.e., candidates who want to study in English must have the necessary knowledge of English which will enable them to study smoothly. The language knowledge level is proven by submitting a certificate issued by an authorized organization - Cambridge Advanced Certificate in English (CAE) or IELTS (International English Language Testing System) or completed secondary education in English language. If a candidate does not possess a certificate issued by an authorized organization certifying that the candidate speaks English, the candidate is obliged to undergo the test organized by the Faculty. The testing of the candidate's knowledge of English is carried out by the Commission formed by the Dean of the Faculty.

The Faculty shall submit a translation of all standards, diploma supplement, course book and teachers' book into English.

## Attachment to standard 5 - CURRICULUM

**Table 5.1. Course specification by semesters and years**

Р.бр.	Course code	Course title	Sem.	No. classes	SIR	ECTS
FIRST YEAR						
<b>Compulsory courses</b>						
1.	ДМИФС1	Research methodology in PE and sports	1	4	6	15
2.	ДСФВС1	Statistics in PE and sports	1	4	6	15
3.	ДМЕФВ2	Measurements and evaluation in physical education and sports	2	4	6	15
<b>Elective block 1</b> (1 course is chosen)			2	4	6	15
4.	ДМПБИ2	Methods for data collection and processing in biomedical research	2	4	6	15
4.	ДМПДХ2	Methods for data collection and processing in socio-humanistic research	2	4	6	15
Total hours of active teaching						
Total ECTS 60						
SECOND YEAR						
Module of applied research in PE and sports						
<b>Elective block 2</b> (2 courses are chosen)			3	8	8	20
1.	ДИОФВ3	Research in the field of physical education and health of children and youth	3	4	4	10
2.	ДИСИС3	Applied research in sports	3	4	4	10
3.	ДИСРЕ3	Research in recreation	3	4	4	10
4.	ДПИБМ3	Applied research in biomechanics and motor control	3	4	4	10
5.	ДПИФФ3	Applied research in the physiology of physical activity	3	4	4	10
6.	ДПССВ3	Psychological and sociological research in sports and physical exercise	3	4	4	10
7.	ДПИПО3	Research in the field of planning and programming of training loads in sports	3	4	4	10
	ДПИУЛ3	Research work in the laboratory 1	3			10
<b>Elective block 3</b> (2 courses are chosen )			3	8	8	20
1.	ДСИОФ4	Seminars of research in the field of physical education and health of children and young people	4	4	4	10
2.	ДСИСИ4	Seminars of research in sport	4	4	4	10
3.	ДСИСР4	Seminars of research in recreation	4	4	4	10
4.	ДСПИБ4	Seminars of applied research in biomechanics and motor control	4	4	4	10
5.	ДСПИФ4	Seminars of applied research in the physiology of physical activity	4	4	4	10
6.	ДСПСВ4	Seminars of psychological and sociological research in sports and physical exercise	4	4	4	10
7.	ДСИПО4	Seminars of research in the field of planning and programming of training load in sport	4	4	4	10
	ДПИУЛ4	Research work in the laboratory 2	4			10
Module of fundamental research in PE and sport						
<b>Elective block 2</b> (2 courses are chosen )			3	8	8	20
1.	ДМОСП3	Motor skills	3	4	4	10
2.	ДИБИО3	Research in biomechanics	3	4	4	10
3.	ДИМКО3	Research in motor control	3	4	4	10
4.	ДИНОС3	Research on the neural basis of sports activities	3	4	4	10
5.	ДОИРС3	Recovery and rehabilitation in sports	3	4	4	10
6.	ДБМСР3	Biomedical research in sports and recreation	3	4	4	10
7.	ДММАТ3	Motor and metabolic adaptations to training	3	4	4	10

	ДФИУЛ3	Research work in the laboratory 1	3			10
<b>Elective block 3</b> (2 courses are chosen )			3	8	8	20
1.	ДСМСР4	Seminars in motor skills	4	4	4	10
2.	ДСИБИ4	Seminars of research in biomechanics	4	4	4	10
3.	ДСИМК4	Seminars of research in motor control	4	4	4	10
4.	ДСНОС4	Seminars from research of neural basis of sports activities	4	4	4	10
5.	ДСОРС4	Seminars of recovery and rehabilitation in sport	4	4	4	10
6.	ДСБСР4	Seminars in biomedical research in sport and recreation	4	4	4	10
7.	ДСМАТ4	Seminars from the motor and metabolic adaptation to training	4	4	4	10
	ДФИУЛ4	Research work in the laboratory 2	4			10
Total hours of active teaching						
Total ECTS 60						
THIRD YEAR						
Module of applied research in PE and sports						
<b>Compulsory courses</b>						
1.	ДПИУЛ5	Research work in the laboratory 3	5			10
2.	ДППИР5	Writing a research paper	5			20
3.	ДПДДИ6	Doctoral dissertation	6			30
Module of fundamental research in PE and sport						
<b>Compulsory courses</b>						
1.	ДФИУЛ5	Research work in the laboratory 3	5			10
2.	ДФПИР5	Writing a research paper	5			20
3.	ДФДДИ6	Doctoral dissertation	6			30
Total hours of active teaching						
Total ECTS 60						

## Attachment to standard 9 – STAFF

Table 9.1. List of teachers engaged in the study program

P.čp.	Last name, middle letter, first name	Title	Date of election	Area for which he was elected	competence for English
1.	Dopsaj J. Milivoj	Full professor	03.02.2016.	Sciences of physical education, sports and recreation	+
2.	Ilić B. Duško	Full professor	14.07.2010.	Sciences of physical education, sports and recreation	+
3.	Jakovljević T. Saša	Full professor	22.12.2010.	Sciences of physical education, sports and recreation	+
4.	Mirkov M. Dragan	Full professor	18.06.2014.	Sciences of physical education, sports and recreation	+
5.	Mitić R. Dušan	Full professor	21.02.2007.	Sciences of physical education, sports and recreation	+
6.	Nedeljković Č. Aleksandar	Full professor	14.09.2016.	Sciences of physical education, sports and recreation	+
7.	Suzović Đ. Dejan	Full professor	22.01.2020.	Sciences of physical education, sports and recreation	*
8.	Juhas V. Irina	Full professor	18.01.2017.	Sciences of physical education, sports and recreation	+
9.	Ilić Ž. Vladimir	Associate Professor	13.07.2017.	Biomedical sciences in physical education, sports and recreation	+
10.	Milanović T. Ivana	Associate Professor	07.02.2017.	Sciences of physical education, sports and recreation	+
11.	Mrdaković D. Vladimir	Associate Professor	17.12.2019.	Sciences of physical education, sports and recreation	+
12.	Orlić M. Ana	Associate Professor	28.11.2017.	Psychology in physical education, sports and recreation	*
13.	Radenović S. Sandra	Associate Professor	19.03.2019.	Sociology in physical education, sports and recreation	+
14.	Marković D. Branka	Associate Professor	28.02.2017.	Biomedical sciences in physical education, sports and recreation	+
15.	Marković M. Miloš	Assistant Professor	12.07.2017.	Sciences of physical education, sports and recreation	+
16.	Mandić S. Radivoj	Assistant Professor	27.12.2016.	Sciences of physical education, sports and recreation	+
17.	Prebeg Ž. Goran	Assistant Professor	20.09.2016.	Sciences of physical education, sports and recreation	+
18.	Knežević Olivera	Assistant Professor	24.11.2020.	Sciences of physical education, sports and recreation	+
19.	Filipović Saša	Science advisor	2009.	Neuroscience	+
20.	Milanović D. Slađan	Science advisor	2008.	Neuroscience	+
21.	Jovana Bjekić	Science advisor	27.11.2017.	Neuroscience	+

\*Na predmetima na kojima se nalaze ovi nastavnici postoji bar još jedan, a negde i dva nastavnika koji imaju kompetencije za predavanja na engleskom jeziku, a pošto svi nastavnici predaju iste sadržaje moguće je realizovati nastavu u potpunosti na oba jezika.